





THE

AMERICAN

REVIEW

OF

THE

ARTS

AND

SCIENCE

OF

VIRO ORNATISSIMO

SAMUELI GOODENOUGH,

EPISCOPO Carliolensi.,

HUNC

VICECIMUM QUARTUM

*NATURÆ VIVARII*

FASCICULUM

D. D. D.

GEORGIUS SHAW,

E. NODDER.



TO

THE RIGHT REVEREND

SAMUEL GOODENOUGH,

LORD BISHOP OF CARLISLE,

THIS TWENTY-FOURTH VOLUME

OF THE

*NATURALIST'S MISCELLANY*

IS RESPECTFULLY INSCRIBED

BY

GEORGE SHAW,

E. NODDER.





# PARADISEA SUPERBA.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Rostrum* capistri plumis tomentosis tectum.

*Pennæ hypochondriorum* plerisque longiores.

*Pedes* validi, ambulatorii.

## CHARACTER SPECIFICUS, &c.

*Paradisea nigra*, corpore utrinque fasciculo aliformi, pennis pectoralibus splendide virentibus, utrinque elongato-divergentibus.

*Gen. Zool.* 7. p. 494.

*Paradisea superba*. P. fronte cristata, capite cervice abdomineque viridibus, gula violacea sericea, cauda mediocri cærulescenti-atra.

*Lath. ind. orn.*

---

Insulas Moluccenses incolit *Paradisea superba*. Elegantissimam hujus avis iconem publicavit Dominus Levaillant, in splendido suo opere de *Paradiseis*. Juxta illam effigiem fideliter delineata est hæc nostra similitudo. Vera avis magnitudo est quasi turdi vulgaris sive musici.

THE  
SUPERB PARADISE-BIRD.

\*\*\*\*\*

GENERIC CHARACTER.

*Bill* covered at the base by velvet-like plumes.

*Side-Feathers* beneath the wings, in most species, extending far beyond the rest of the plumage.

*Legs* strong ; feet formed for walking.

SPECIFIC CHARACTER, &c.

Black Paradise-Bird, with a wing-like set of feathers on each side of the body, and bright-green pectoral plumes diverging and lengthened on each side.

*Gen. Zool.* 7. p. 494.

Le Manucode dit le Superbe.

*Sonner. voy.* p. 157. pl. 96.

Le Manucode noir de la Nouvelle Guinée dit le Superbe.

*Buff. ois. Pl. Eul.* 632.

Le Superbe.

*Viellot Parad. Levaill. Parad.*

---

The Superb Paradise-Bird is a native of the Molucca islands. It has been figured with peculiar elegance in the splendid publication of Mons. Levaillant on the genus *Paradisea* ; and the representation here given is a faithful copy. The size of the bird equals that of a common Thrush.





Rich<sup>d</sup> P. Nodder Sculp.



## MUREX TULIPA.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Animal* Limax.

*Testa* univalvis, spiralis, exasperata suturis membranaceis.

*Apertura* desinens in canalem integrum, rectum, seu subascendentem.

*Lin. Syst. Nat.* p. 1213.

### CHARACTER SPECIFICUS, &c.

Murex testa ventricosa oblonga lævi albida, fasciis longitudinalibus fulvis, anfractibus rotundatis, sutura geminata.

Murex Tulipa. M. testa ventricosa oblonga lævi, anfractibus rotundatis sutura geminata, apertura uniplicata, cauda patula striata.

*Lin. Syst. Nat.* p. 1223.

---

Maria Indica et Americana incolit Murex Tulipa, sæpius major specimine quod in tabula monstratur.



THE  
TULIP MUREX.

\*\*\*\*\*

GENERIC CHARACTER.

- Animal* allied to a Limax or Slug.  
*Shell* univalve, roughened by membranaceous  
sutures.  
*Aperture* ending in a strait or subascending chan-  
nel.

SPECIFIC CHARACTER, &c.

Murex with ventricose oblong smooth whitish  
shell, with longitudinal fulvous bands,  
rounded whirls, and double suture.

The Tulip Murex.

La Tulipe.

*Argenv.* pl. 10. f. κ.

Die Achatbirne.

*Martini* 4. f. 1286-1291.

---

The Tulip Murex is an inhabitant of the Indian and  
American seas, and is frequently much larger than the  
specimen exhibited on the present plate.







## SPARUS ABILGARDI.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Dentes* validi: *primores* ordine simplici, duplici, triplici, vel quadruplici dispositi.

*Molares* (plerisque) validi, convexi, læves, in series dispositi, et quasi pavementum in ore efformantes.

*Labia* crassa; *opercula* mutica, squamosa.

### CHARACTER SPECIFICUS, &c.

*Sparus* albidus dorso subfusco, squamis magnis hexagonis.

*Gen. Zool.* 4. p. 412.

*Sparus* Abilgardi. S. squamis hexagonis.

*Bloch. ichth.* 8. p. 19. t. 259.

---

In mari Americano præcipue repertus hic piscis in longitudinem sesquipedalem vel bipedalem crescit.

THE UNIVERSITY OF CHICAGO

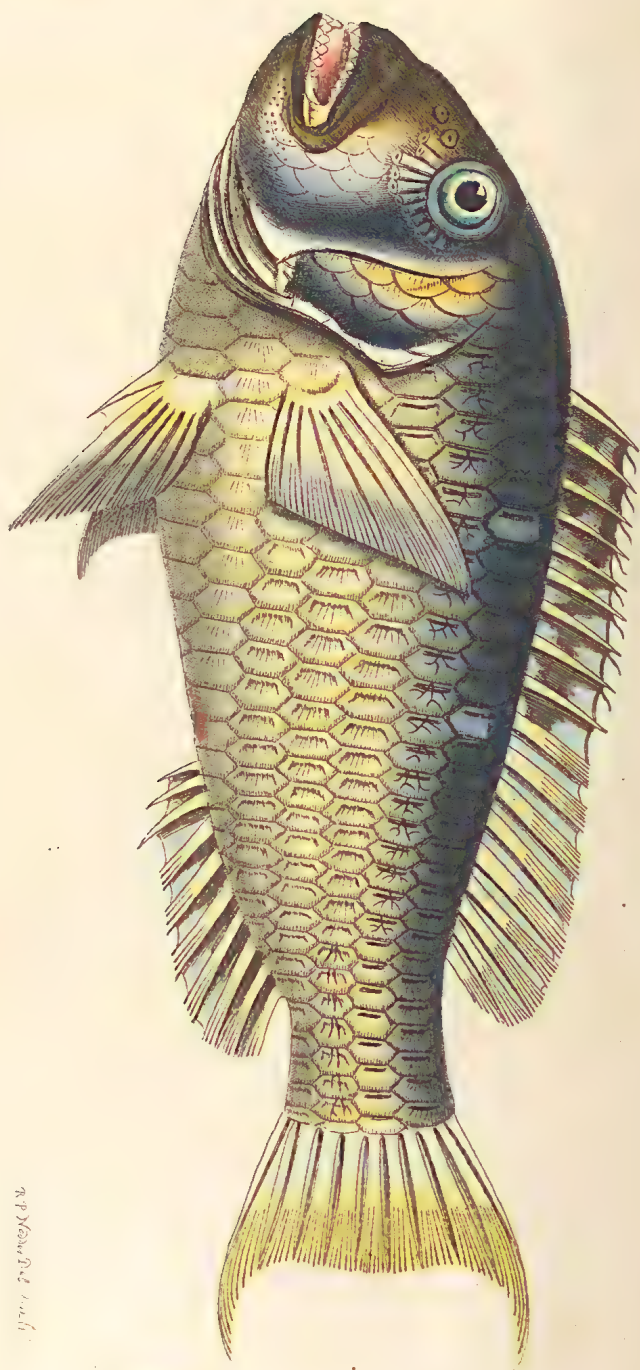
LIBRARY

PHYSICS DEPARTMENT

PHYSICS DEPARTMENT  
UNIVERSITY OF CHICAGO  
CHICAGO, ILL. 60637







THE  
ABILGARDIAN SPARUS.

\*\*\*\*\*

GENERIC CHARACTER.

*Teeth* strong: *front-teeth* in some species disposed in a single row, in others in a double, treble, or quadruple row.

*Grinders* (in most species) convex, smooth, and forming a kind of pavement in the mouth.

*Lips* thick: *gill-covers* unarmed, scaly.

SPECIFIC CHARACTER, &c.

Whitish Sparus, with dusky back, and large hexagonal scales.

*Gen. Zool.* 4. p. 412.

Sparus Abilgardi.

*Bloch.* pl. 259.

---

This fish is principally observed in the American seas, and grows to the length of eighteen inches or two feet.





## PAPILIO AJAX.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Antennæ* apicem versus crassiores, sæpius clavato-capitatae.

*Alæ* (sedentis) erectæ sursumque conniventes.  
(Volatu diurno.)

*Lin. Syst. Nat.*

### CHARACTER SPECIFICUS, &c.

*Papilio* alis caudatis concoloribus flavescens, fasciis nigris geminatis; posticis subtus striga diffracta anguloque ani sanguineis.

*Smith. Abbot Ins. Amer. t. 4.*

*Papilio* Ajax. *P.* alis obtuse caudatis concoloribus fuscis; fasciis flavescens, angulo ani fulvo.

*Lin. Syst. Nat. p. 750.*

---

Georgiam et Virginiam incolit *Papilio* Ajax, cujus larva *Annonæ* palustris folia præcipue depascitur.







*R. P. Hadden Del. Sculp. &*



## AJAX.

\*\*\*\*\*

### GENERIC CHARACTER.

*Antennæ* thickening towards the end, and generally terminating in a clavated tip.

*Wings* (when at rest) meeting upwards. Flight diurnal.

### SPECIFIC CHARACTER, &c.

Butterfly with yellowish-white tailed wings, marked in a similar manner on both surfaces with double black bands; the lower pair marked beneath and at the inner tips by a broken red stripe.

The Black-Barred Swallow-Tail Butterfly.

*Abbot's N. American Insects*, pl. 4.

*P. Marcellus. Crāmer Pap.* pl. 89. f. G. H.

*Edwards*, pl. 34.

---

This insect is an inhabitant of Georgia and Virginia; the caterpillar feeding principally on the leaves of the *Annona palustris* of Linnæus, or Swamp Papaw.



# PARADISEA VAILLANTII.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Rostrum* capistri plumis tomentosis tectum.

*Pennæ hyochondriorum* plerisque longiores.

*Pedes* validi, ambulatorii.

## CHARACTER SPECIFICUS, &c.

*Paradisea nigro-violacea*, pennis lateralibus decompositis niveis apice filiformibus longissimis nudis.

Le Nebuleux.

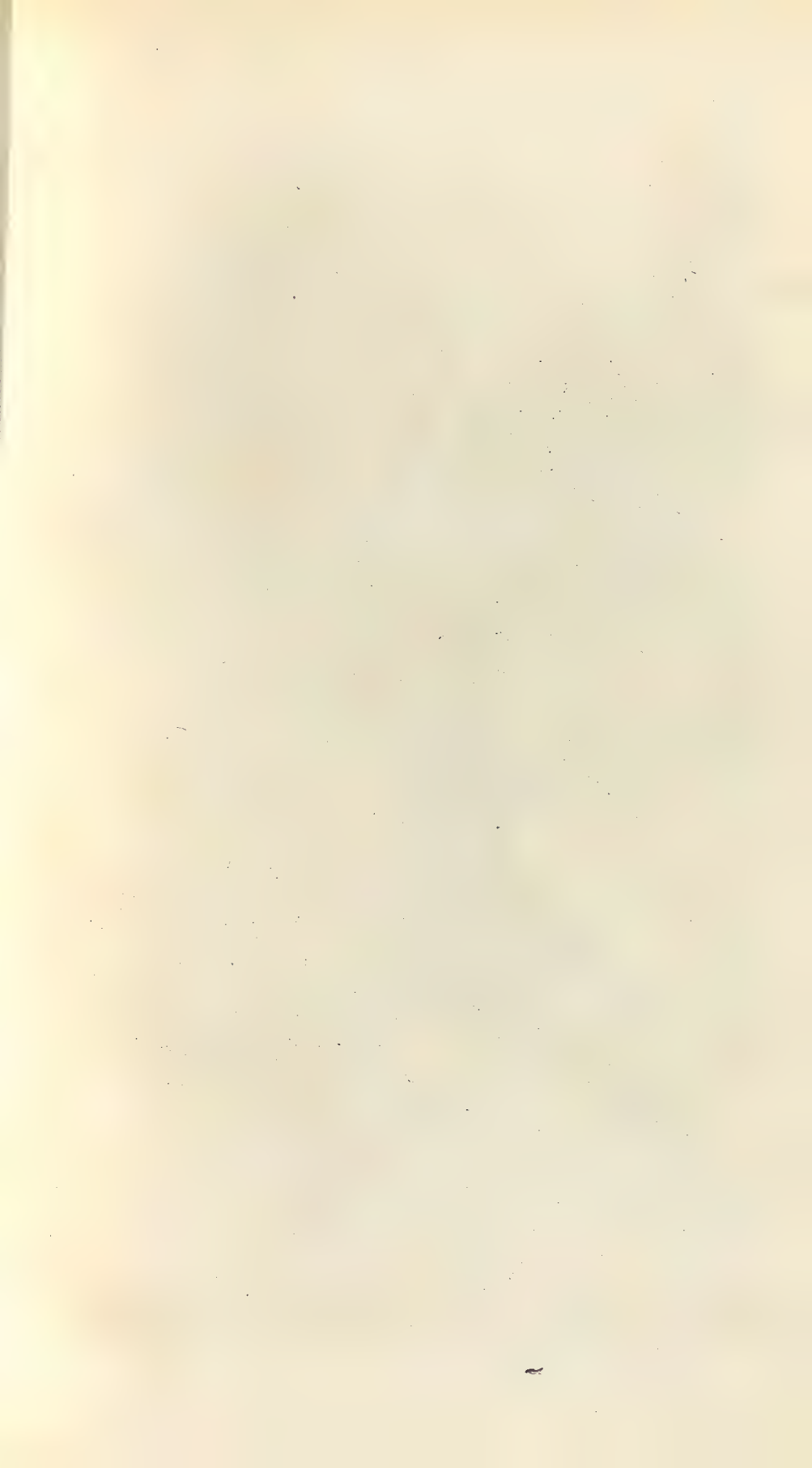
*Levaill. Parad.*

---

Pulchre depicta est perelegans hæc avis in splendido opere quod conscripsit Levaillantus: quem tamen in specimen incidisse crediderim cujus rostrum, casu aliquo leviter recurvum, naturæ minus convenerit; idque in tabula nostra emendavimus. In insulis Moluccis generatur. ♀









THE  
VAILLANTIAN PARADISE-BIRD.

\*\*\*\*\*

GENERIC CHARACTER.

*Bill* covered at the base by velvet-like plumes.

*Side-Feathers* beneath the wings, in most species, extending far beyond the rest of the plumage.

*Legs* strong : feet formed for walking.

SPECIFIC CHARACTER, &c.

Violet-Black Paradise-Bird, with loose-webbed snow-white side-feathers terminating in very long naked filiform shafts.

Le Nebuleux.

*Levaill. Parad.*

---

The present species of Paradise-Bird is beautifully figured in the splendid work on that genus published by Mons. Levaillant, whose specimen however seems to have had the bill a little injured by being warped upwards; a particular which is corrected in the present plate. This bird, like the rest of its congeners, is an inhabitant of the Molucca islands.





# CERAMBYX VIRENS.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Antennæ* attenuatæ.

*Thorax* spinosus aut gibbus.

*Elytra* linearia.

*Lin. Syst. Nat.*

## CHARACTER SPECIFICUS, &c.

*Cerambyx viridis*, thorace utrinque unispinoso, femoribus subferrugineis unidentatis.

*Cerambyx virens*. C. thorace spinoso, elytris obtusis, corpore viridi, antennis longioribus, femoribus unidentatis.

*Lin. Syst. Nat.*

---

In insula Jamaica generatur *Cerambyx virens*, et habitu corporis ad similitudinem proxime accedit *Cerambycis moschatæ Britannicæ*. Tabula monstrat veram magnitudinem.

THE UNIVERSITY OF CHICAGO  
LIBRARY

THE UNIVERSITY OF CHICAGO  
LIBRARY  
1000 S. MICHIGAN AVE.  
CHICAGO, ILL. 60607







THE  
GREEN JAMAICA GOATCHAFFER.

\*\*\*\*\*

GENERIC CHARACTER.

*Antennæ* attenuated.

*Thorax* either spinous or gibbous.

*Elytra* linear.

SPECIFIC CHARACTER.

Green *Cerambyx*, with a single spine on each side the thorax, and subferruginous single-spined thighs.

*Cerambyx virens*.

*Oliv. Ins. Ceramb.* pl. 11. f. 78.

*Cerambyx virens*.

*Drury Ins.* 1. p. 89. pl. 40. f. 1.

The Lady Capricorn.

*Browne's Jamaica*, p. 430. pl. 43.  
f. 8.

---

This insect is a native of Jamaica, and is very nearly allied to the British species known by the name of the Musk Goatchaffer. The plate represents it in its natural size.



# POLYPTERUS NILOTICUS.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Membr. branch. uniradiata.*

*Pinnæ dorsales numerosæ.*

*Gen. Zool. 5. p. 122.*

## CHARACTER SPECIFICUS, &c.

*Polypterus viridis, abdomine nigro maculato.*

*Gen. Zool. 5. p. 122.*

*Polyptere Bichir.*

*Geoffroy Ann. Mus. Hist. Nat.*

*vol. i. p. 57. pl. 5.*

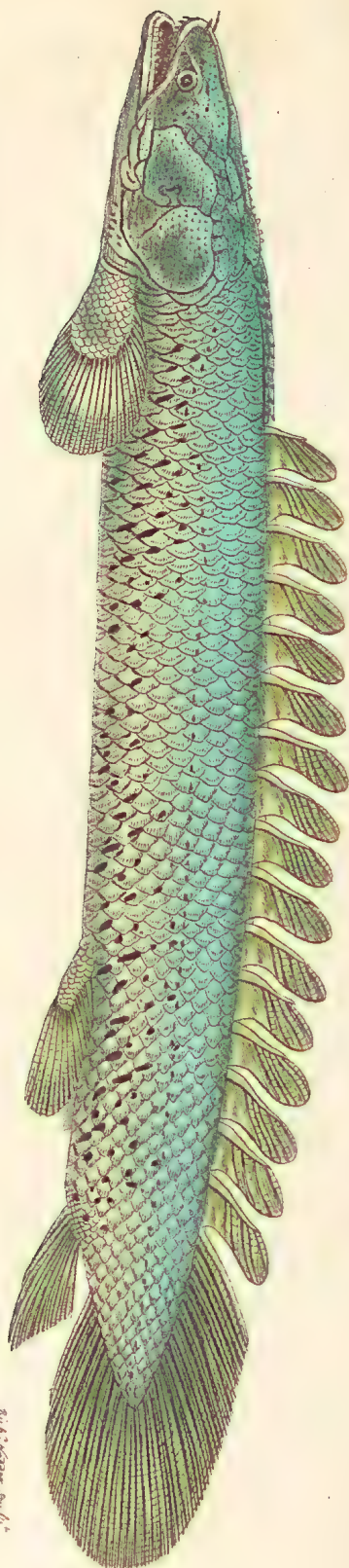
---

Polypterus Niloticus primus technice et accurate descripsit Dominus Geoffroy; qui auctor est, medium quoddam esse vinculum inter pisces osseos et cartilagineos. Si faciem universam spectes, ad genus *Esox* videtur accedere; ad illas præcipue species quæ squamis præduris et veluti osseis instruuntur. Forma longa est et quasi serpentina, capite longis laminis munito, corpore fere cylindrico, squamis duris cooperto. Longus est piscis circiter octodecim uncias. Color thalassinus, abdomine pallidiore. In flumine Nilo generatur, ibique molli sub limo latere solet. In optimis habetur piscibus Niloticis; caro quippe sapida est et tenera. Cutem ægre cultro penetrabilem mos est totam evertere, pisce prius cocto.









THE  
NILOTIC POLYPTERUS.

\*\*\*\*\*

GENERIC CHARACTER.

*Gill-membrane* single-rayed.

*Dorsal fins* numerous.

SPECIFIC CHARACTER, &c.

Green Polypterus, with the abdomen spotted  
with black.

Polyptere Bichir.

*Geoffroy. Ann. Mus. Hist. Nat.*  
vol. 1. p. 57. pl. 5.

---

This remarkable fish seems to have been first scientifically described by Mons. Geoffroy, who considers it as forming a kind of connecting link between the osseous and cartilaginous fishes. In point of general affinity, it seems most allied to the genus *Esox* or Pike, and especially to such species as are furnished with strong or bony scales. Its shape is long and serpentiform, the body nearly cylindrical, the head defended by lengthened bony plates, and the body covered with large and strong scales. Its usual length is about eighteen inches, and its colour sea-green, paler, or whitish on the abdomen. It is an inhabitant of the river Nile, where it is observed to reside in the soft mud, and is considered as one of the best of the Nilotic fishes, having a tender and savoury flesh; and as it is difficult to open the skin with a knife, it is usual to boil the fish first, and afterwards draw off the skin whole.



# DELPHINUS VENTRICOSUS.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Dentes* in maxilla utraque.

*Fistula* in capite.

## CHARACTER SPECIFICUS, &c.

*Delphinus nigricans*, subtus albus, rostro rotundato, corpore ventricosus.

Epaillard ventru.

*Bonaterre, pl. de l'Encycl. Meth.*

Le Dauphin ventru.

*Cepede cétacées, p. 311.*

---

Speciem hanc primus descripsit Joannes Hunterus in Actis Anglicis. Crescit interdum in longitudinem octodecim pedum; habitu generali Oræ quam alii alicui Delphini similior.









THE  
VENTRICOSE DOLPHIN.

\*\*\*\*\*

GENERIC CHARACTER.

*Teeth* in both jaws.

*Spiracle* on the head.

SPECIFIC CHARACTER, &c.

Blackish Dolphin, white beneath, with rounded snout and very large abdomen.

A species of Grampus.

*Hunter Phil. Trans.* vol. 77. pl. 17.

Le Dauphin ventru.

*Cepede cétacées*, p. 311. pl. 15.  
f. 3.

---

This species was first described by Mr. Hunter in the Philosophical Transactions. It has been observed of the length of eighteen feet, and in general appearance is more nearly allied to the Grampus than to any other kind of Dolphin.



## CUCULUS AURATUS.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Rostrum* teretiusculum.

*Nares* margine prominulæ.

*Lingua* sagittata, plana, integra.

*Pedes* scansorii.

*Lin. Syst. Nat.*

### CHARACTER SPECIFICUS, &c.

*Cuculus viridi-aureus*, subtus albus, capite albo striato, remigibus rectricibusque exterioribus albo maculatis.

*Cuculus auratus*. C. cauda cuneiformi, corpore supra viridi-aureo subtus albo, capite striis quinque albis, rectricibus duabus extimis latere exteriori omnibus apice albis.

*Lath. ind. orn.*

---

*Cuculus auratus* magnitudine fere *alaudæ* communis, in Africa generatur interiori. Nomen habet a splendore plumarum : qui tamen plus minusve aureus.









*W. Warbler*

THE  
GILDED CUCKOW.

\*\*\*\*\*

GENERIC CHARACTER.

*Bill* somewhat bending.  
*Nostrils* bounded by a small rim.  
*Tongue* short, sagittated.  
*Feet* scansorial.

SPECIFIC CHARACTER, &c.

Gold-green Cuckow, white beneath ; with the  
head striped and the exterior quill and  
tail-feathers spotted with white.

Coucou vert doré et blanc.

*Buff. ois.* 6. p. 385.

Coucou verd du Cap de bonne-Esperance.

*Pl. Enl.* 657.

Gilded Cuckow.

*Lath. syn.*

---

This beautiful bird is about the size of a Lark, and is an inhabitant of the lower parts of Africa. In its colours it occasionally varies, exhibiting more or less of the golden brilliancy of plumage from which it derives its name.





# SCARABÆUS TORQUATUS.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Antennæ* clavatæ, capitulo fissili.

*Tibiæ* anticæ sæpius dentatæ.

*Lin. Syst. Nat.*

## CHARACTER SPECIFICUS, &c.

Scarabæus scutellatus lævis viridis, thorace antice fulvo-ferrugineo, abdomine postice macula duplici argentea.

Scarabæus torquatus.

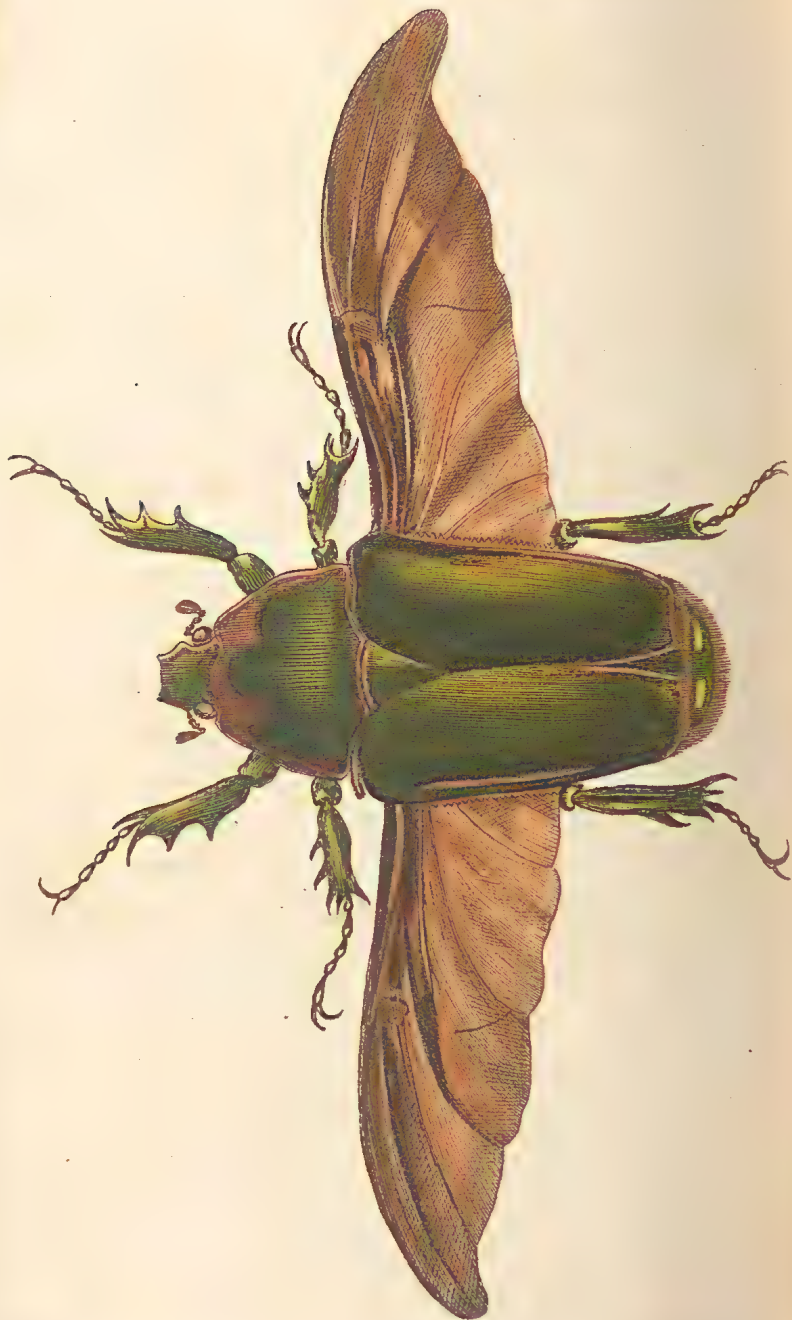
*Drury ins. 3. t. 44. f. 1.*

---

Scarabæum torquatum, in Africa superiori generatum, primus, ni fallor, descripsit Dominus Drury. Tabula monstrat veram magnitudinem.







THE  
COLLARED BEETLE.

\*\*\*\*\*

GENERIC CHARACTER.

*Antennæ* clavated with a fissile or laminated tip.  
*Middle* joints of the fore-legs toothed.

SPECIFIC CHARACTER, &c.

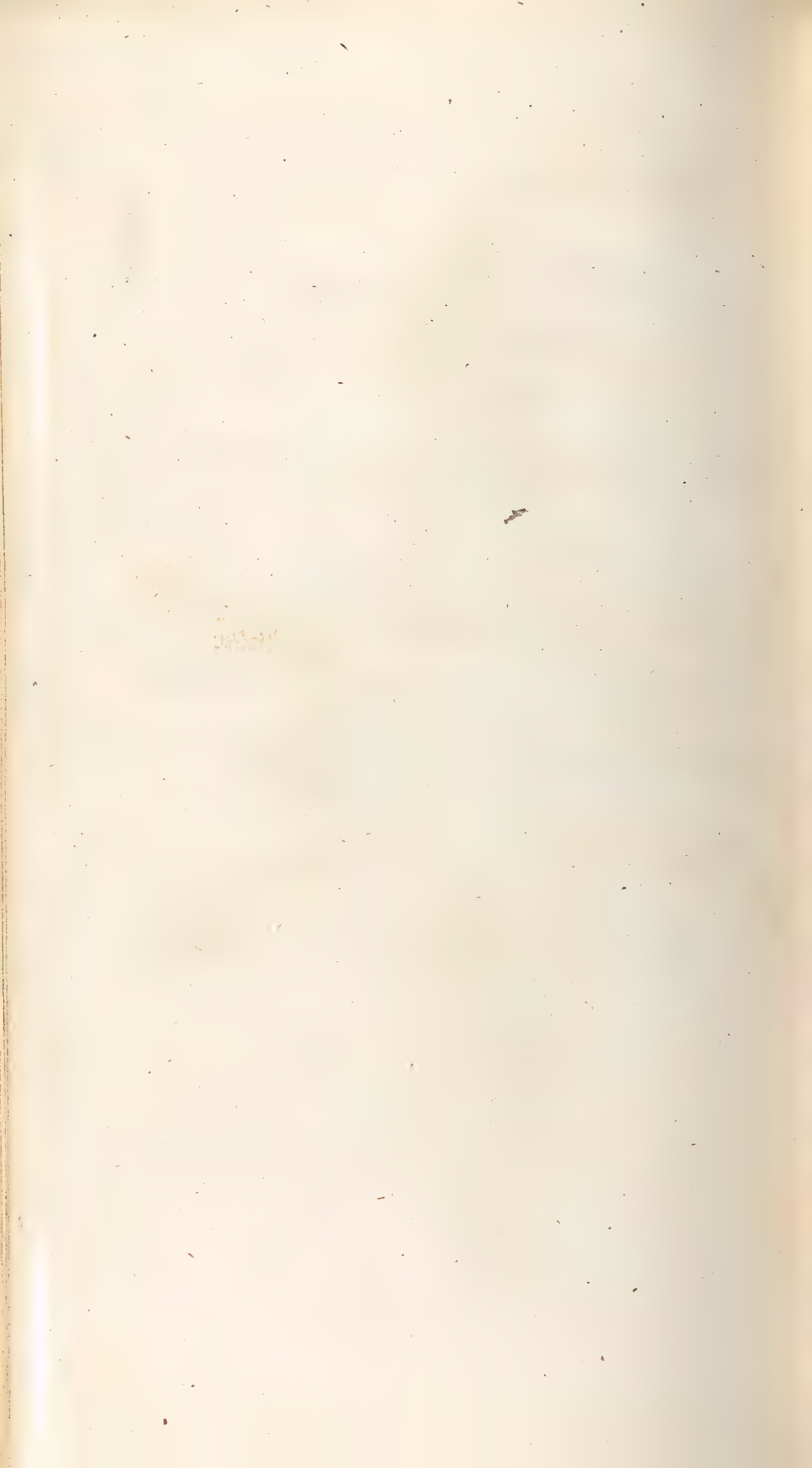
Scutellated, smooth, green Beetle; with the front of the thorax fulvo-ferruginous, and the abdomen marked at the tip by a double silvery spot.

*Scarabæus torquatus*.

*Drury ins.* 3. pl. 44. f. 1.

---

This insect seems to have been first described in the elegant work of the late ingenious Mr. Drury. It is a native of the upper parts of Africa, and is represented in its natural size.





## LACERTA SCINCUS.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Corpus* tetrapodum, elongatum, caudatum, nudum.

### CHARACTER SPECIFICUS, &c.

*Lacerta fusco-flavescens*, supra fasciis transversis fuscis, cauda brevi, apice compressa, maxilla superiore longiore.

*Gen. Zool.* 3. p. 281.

*Lacerta Scincus*. *L.* cauda tereti mediocri apice compressa, digitis muticis marginatis.

*Lin. Syst. Nat.*

---

*Lacerta Scincus*, quæ et officinalis dicitur, in variis innascitur orientalibus regionibus; in Ægypto, Arabia, Lybia, Syria satis nota. Amat præcipue loca arida et arenosa, longa septem, octo, vel etiam decem uncias. Totum animal flavo-fusco-pallidum, fasciis plurimis latis, tenebrosis, inter se distantibus, transverse notatum, contegitur modicis squamis lævibus glabrisque, quales fere sunt piscium. Nulla est ei nocendi vis. Insectis vescitur. Olim creditum est *Scincum* variis morbis mederi; quod utpote fabulosum et ineptum respuit hodierna therapeutice.







THE  
OFFICINAL SCINK.

\*\*\*\*\*

GENERIC CHARACTER.

*Body* elongated, four-footed, tailed ; without any secondary integument.

SPECIFIC CHARACTER, &c.

Yellowish-brown Lizard, with transverse brown bands on the upper part, short tail with compressed tip, and upper jaw longer than the lower.

The Common or Officinal Scink.

---

The Common or Officinal Scink is a native of many of the Eastern parts of the world, and is common in Egypt, Arabia, Lybia, and Syria. It is usually found in dry sandy soils, and grows to the length of seven, eight, or even ten inches : the whole animal is of a pale yellowish-brown colour, marked by several broad, distant, transverse dusky stripes or bands, and is covered with middle-sized fish-like scales of a smooth and glossy surface. It is an animal of a harmless nature, and supports itself on the various insects which wander about the regions it inhabits. The Scink was once celebrated for its medicinal powers in various disorders ; but the more illuminated cast of modern practice seems to have utterly exploded these imaginary virtues.





# CORYPHÆNA PENTADACTYLA.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Caput* maxime truncato-declive.

*Membr. branch.* radiis quinque.

*Pinna dorsalis* longitudine dorsi.

## CHARACTER SPECIFICUS, &c.

*Coryphæna* quinque-maculata. C. subfusca,  
subtus argentea, maculis utrinque versus  
caput quinque nigris.

*Gen. Zool.* 4. p. 218.

*Coryphæna* pentadactyla. C. maculis quinque  
nigris versus caput longitudinalibus.

*Lyn. Syst. Nat.*

*Coryphæna* cauda æquali, pinnæ dorsi radiis 21.

*Bloch. ichth.* t. 173.

---

In maribus Indicis innascitur *Coryphæna* pentadactyla, in pedalem vel sesquipedalem crescens longitudinem.

1875

1876

1877

1878

1879

1880

1881

1882

1883

1884

1885

1886

1887

1888

1889

1890

1891

1892

1893



1032  
2034



R.S.N.

THE  
FIVE-SPOTTED CORYPHENE.

\*\*\*\*\*

GENERIC CHARACTER.

*Head* sloping suddenly downwards.

*Gill-membrane* five-rayed.

*Dorsal fin* the length of the back.

SPECIFIC CHARACTER, &c.

Brownish Coryphene, silvery beneath, with five  
black spots on each side towards the head.

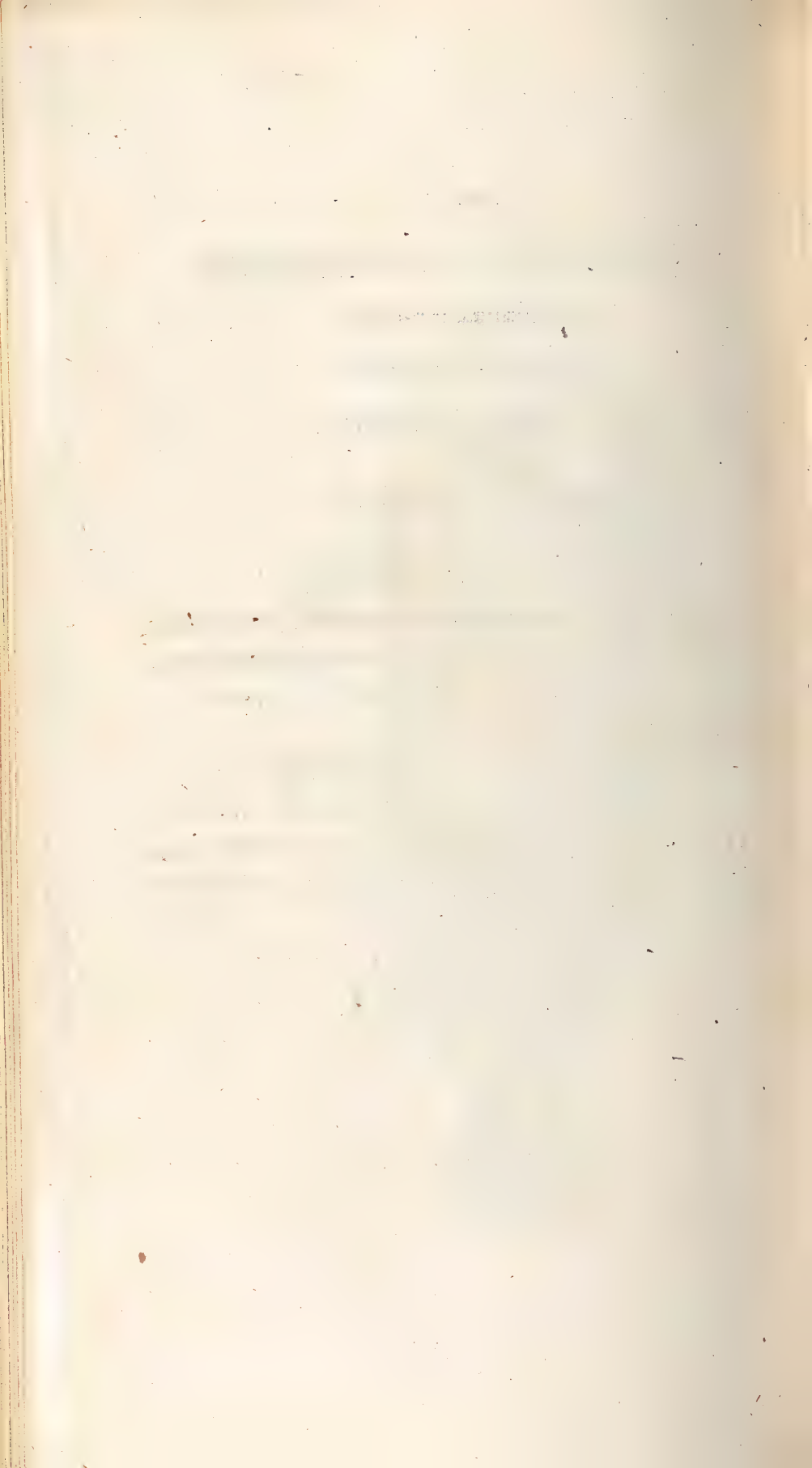
*Gen. Zool.* 4. p. 218.

Das Sechsauge.

*Bloch. ichth.* pl. 173.

---

This species is an inhabitant of the Indian seas,  
where it grows to the length of twelve or eighteen  
inches.





## PERDIX RUFA.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Rostrum* convexum, validiusculum.

*Nares* margine prominulæ.

*Orbitæ* papillozæ.

*Pedes* nudi, plerisque calcarati.

*Lath. ind. orn.*

### CHARACTER SPECIFICUS, &c.

*Perdix* griseo-cinerea, gula alba lunula nigra, hypochondriis nigro-lunulatis, rostro pedibusque sanguineis.

*Perdix* pedibus calcaratis rostroque sanguineis, gula alba cincta fascia nigra albo-punctata.

*Lath. ind. orn.*

*Tetrao* rufus.

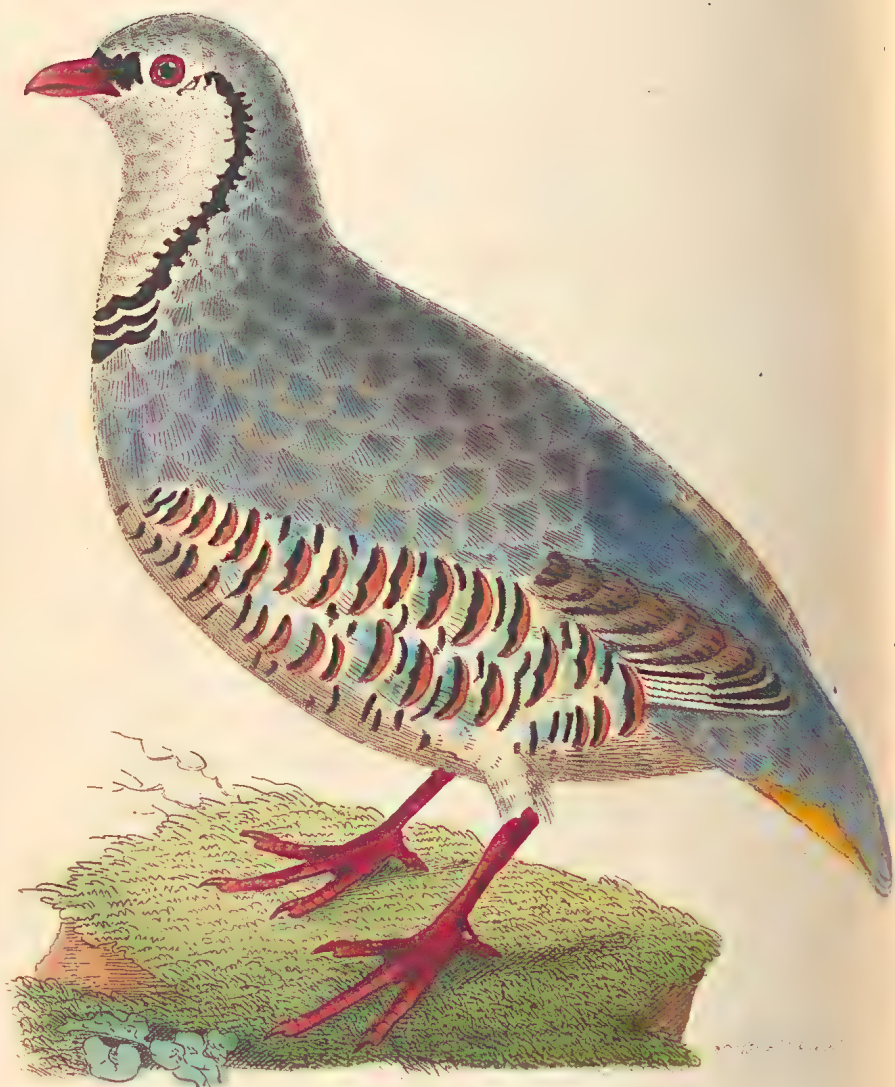
*Lin. Syst. Nat.*

---

*Perdix* rufa, major paulo perdice cinerea seu vulgari, per varias orbis antiqui partes late sparsa, loca, ut plurimum, incolit sicca, scopulosa, sylvestria, montana. Elegantis hujus avis nullibi major est copia quam in Græcia, Græcisque insulis: nec carent ea, pro diversitate tamen coeli solique aliquatenus variata, Europæ partes quæ ad septentrionem spectant. In Britannia non generatur. Gregatim incedit; in nonnullis locis etiam catervatim.

First of  
p. 101 of vol.





THE  
RED PARTRIDGE.

\*\*\*\*\*

GENERIC CHARACTER.

*Bill* convex, moderately stout.

*Nostrils* surrounded by a rising margin.

*Orbits* papillose.

*Legs* naked, and generally spurred.

SPECIFIC CHARACTER, &c.

Ash-grey Partridge, with white throat bounded by a black crescent; the sides of the body barred with black crescents, and red bill and legs.

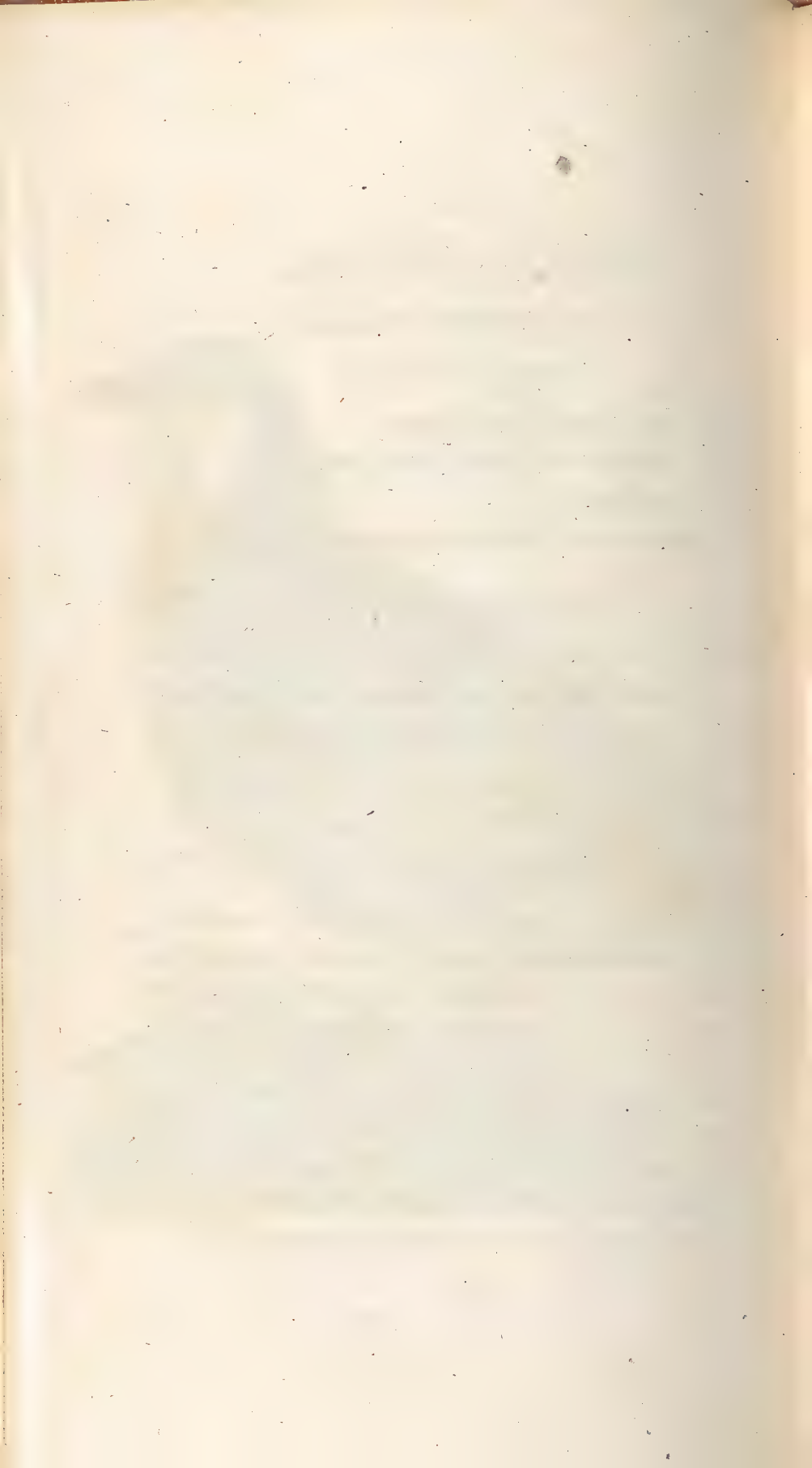
Greek or red Partridge.

*Lath. syn.*

Red-legged Partridge.

---

This elegant bird, which is somewhat larger than the common or grey Partridge, is a pretty general inhabitant of the Old Continent, and is principally observed in dry, rocky, woody, and mountainous regions. It is particularly common in Greece and the Grecian islands; and occurs, with some variations, in many of the more northern parts of Europe, but is not a native of our own island. It is of a gregarious nature, and is often seen in vast numbers on the same spot.





## SPARUS PAVO.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Dentes* validi : Primores in aliis ordine simplici, in aliis duplici, triplici, vel quadruplici dispositi.

*Molares* (plerisque) validi, convexi, læves, in series dispositi, et quasi pavementum in ore efformantes.

*Labia* crassa : *Opercula* mutica, squamosa.

### CHARACTER SPECIFICUS, &c.

*Sparus albidus*, dorso subfusco, ocello utrinque nigro ad humeros et ad caudæ basin.

*Sparus Pavo*.

*Gen. Zool.* 4. p. 449.

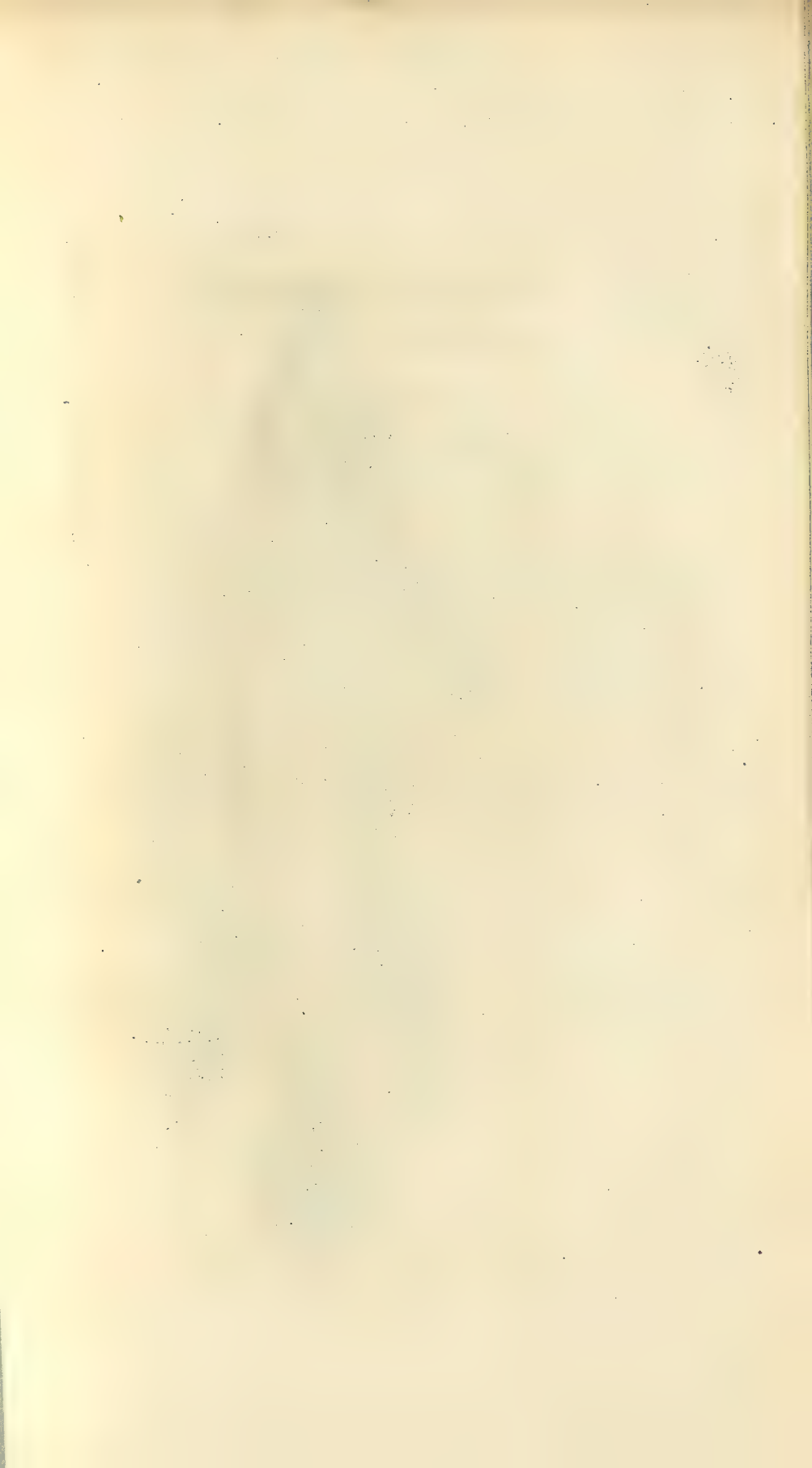
*Perca saxatilis*.

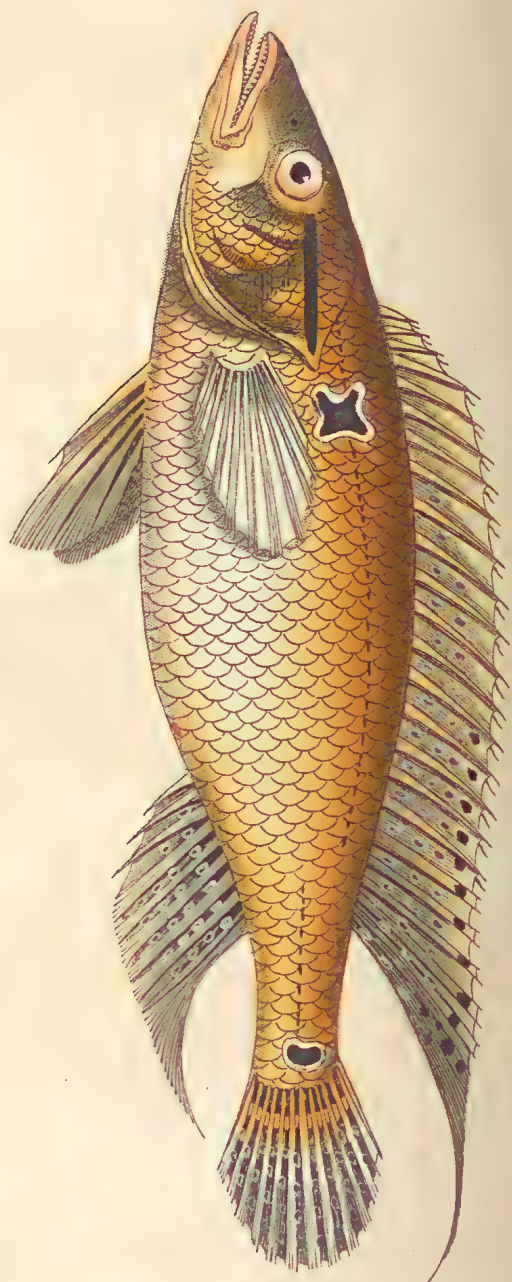
*Bloch. ichth.* t. 309.

---

Flumina incolit Austro-Americana *Sparus Pavo*, longitudine quasi pedali. In cibis habetur lautioribus.







THE  
PEACOCK SPARUS.

\*\*\*\*\*

GENERIC CHARACTER.

*Teeth* strong: Front-teeth in some species disposed in a single row, in others in a double, treble, or quadruple row.

*Grinders* (in most species) convex, smooth, and disposed in ranges, forming a kind of pavement in the mouth.

*Lips* thick: *Gill-covers* unarmed, smooth, scaly.

SPECIFIC CHARACTER, &c.

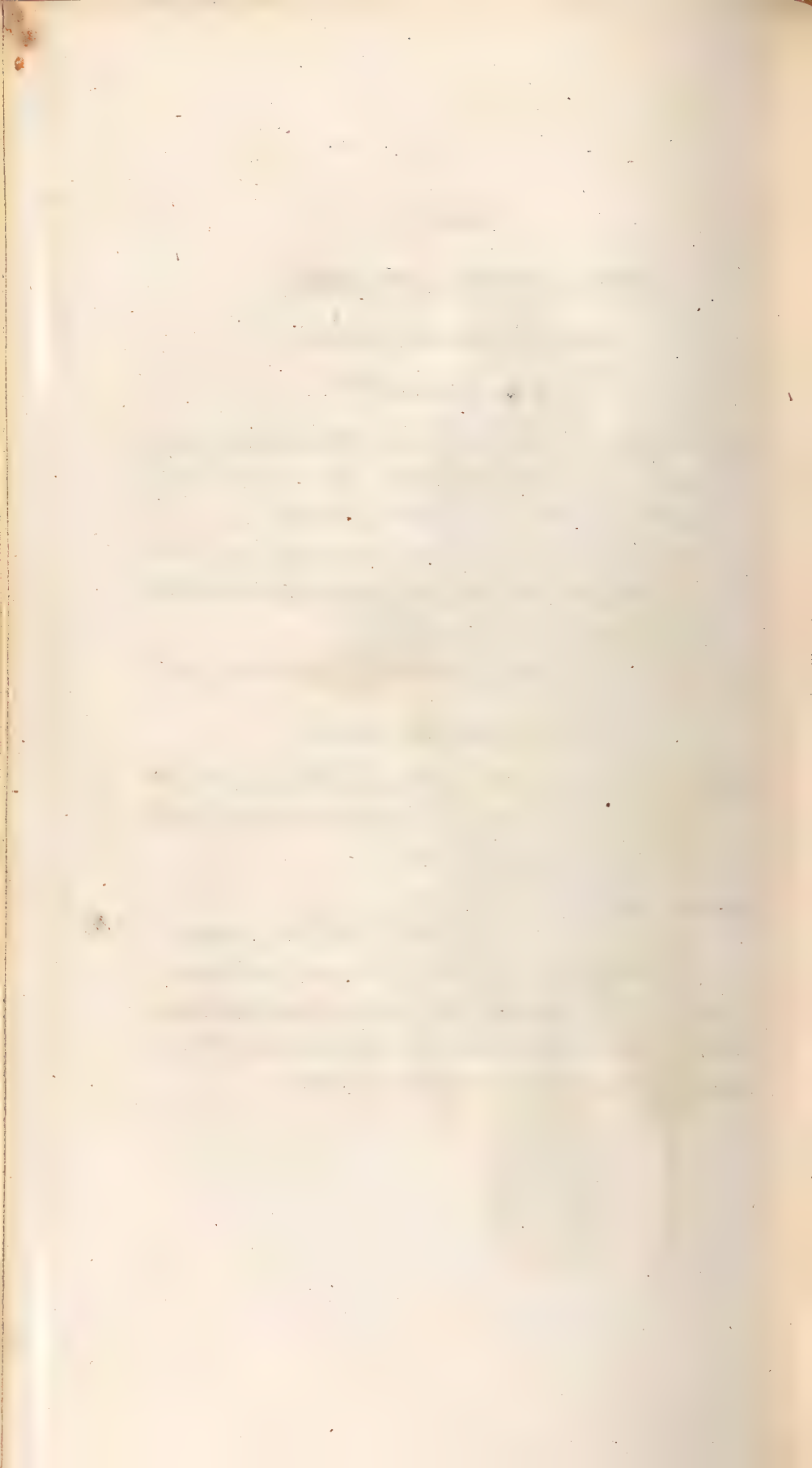
Whitish Sparus, with brownish back, and an ocellated black spot on each side the shoulders and base of the tail.

Peacock Sparus.

*Gen. Zool.* 4. p. 449.

---

This fish is a native of the South-American rivers, arriving at the length of about twelve inches. It is in considerable esteem as an article of food.



## PAPILIO IDALIA.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Antennæ* apicem versus crassiores, sæpius clavato-capitatae.

*Alæ* (sedentis) erectæ sursumque conniventes.  
(Volatu diurno.)

*Lin. Syst. Nat.*

### CHARACTER SPECIFICUS, &c.

Papilio alis primoribus aurantiis nigro maculatis, posterioribus atro-cæruleis gilvo maculatis, subtus maculis argenteis.

Papilio Idalia. P. alis dentatis fulvis nigro maculatis, subtus maculis 37 argenteis, posticis supra cæruleis albo punctatis.

*Fabr. sp. ins. 2. p. 109.*

*Nymph. phaler.*

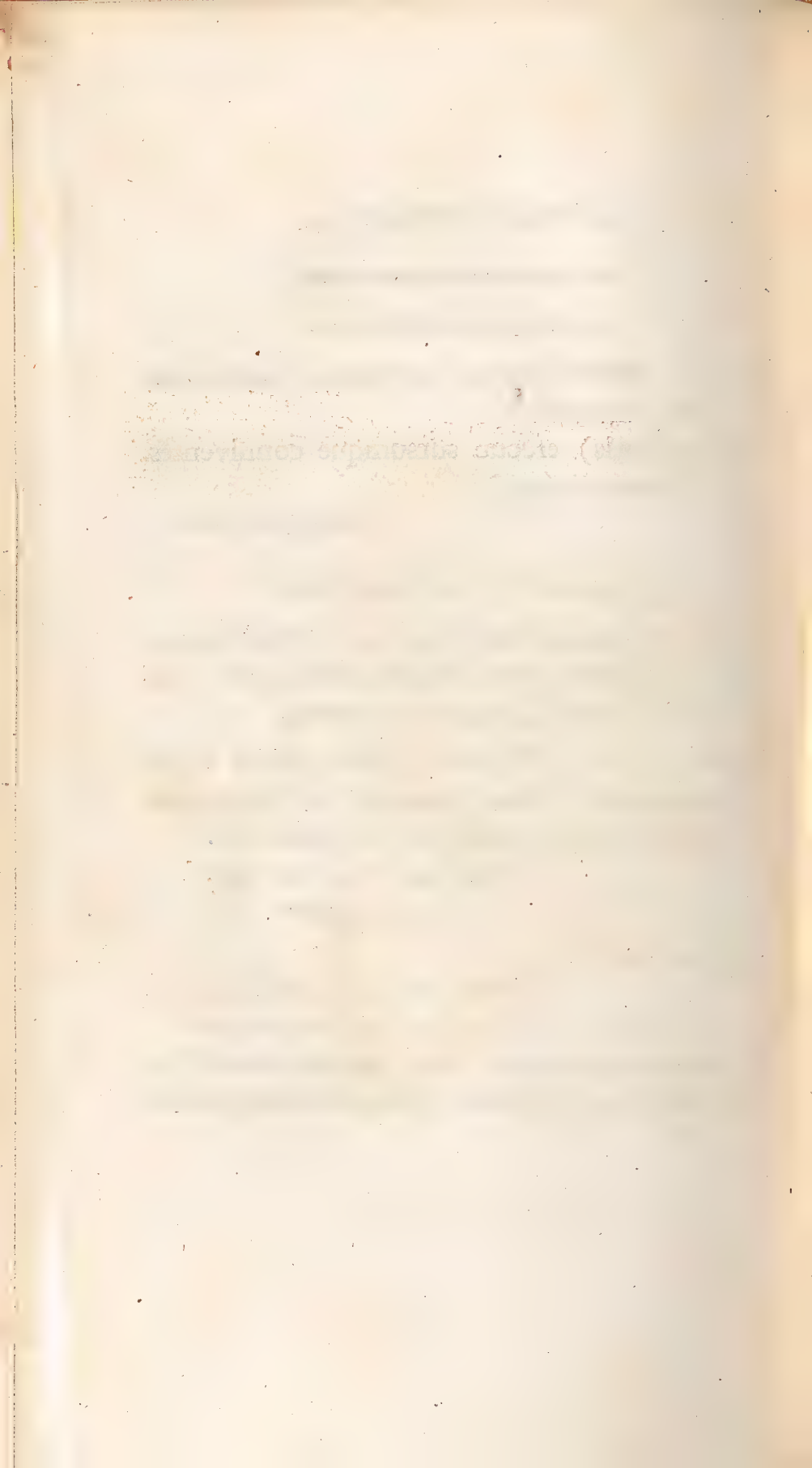
Papilio Idalia.

*Drury ins. 1. t. 13. f. 1. 2. 3.*

---

Americæ septentrionalis varias regiones incolit Papilio Idalia, et magnitudine vera in tabula depingitur.







1035



## IDALIA.

\*\*\*\*\*

### GENERIC CHARACTER.

*Antennæ* generally thickening towards the extremities, and terminating in a clavated tip.

*Wings* (when sitting) erect, and meeting upwards. Flight diurnal.

### SPECIFIC CHARACTER, &c.

Butterfly with orange upper-wings spotted with black, and blackish-blue under-wings spotted with cream-colour, with silvery spots beneath.

Papilio Idalia.

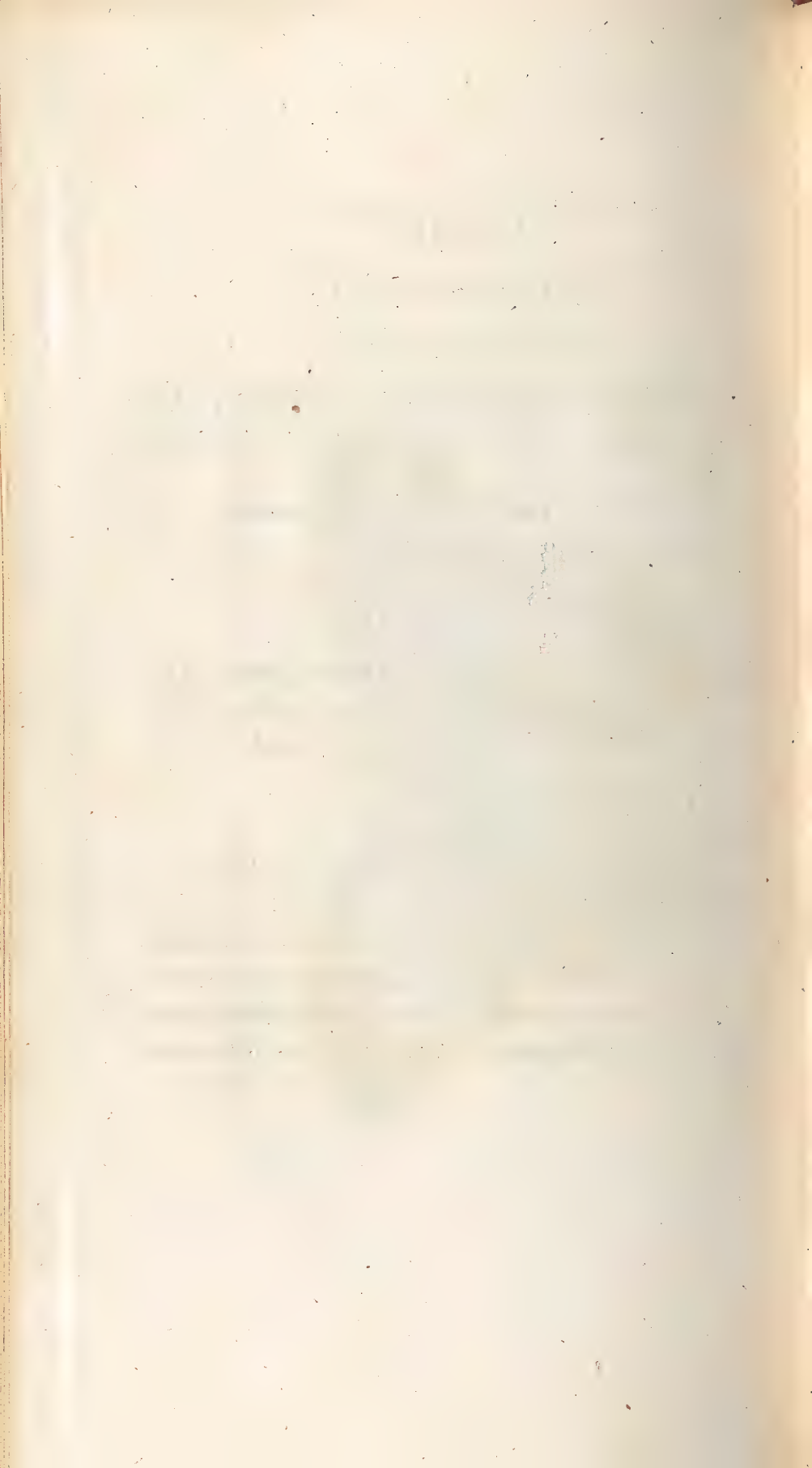
*Fabr. sp. ins.* 2. p. 109.

Papilio Idalia.

*Drury ins.* 1. pl. 13. f. 1. 2. 3.

---

This insect is a native of many parts of North America, and is represented on the plate in its natural size.



## SIMIA LEONINA.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Dentes primores* utrinque quatuor, approximati.

*Laniarii* solitarii, longiores, hinc remoti.

*Molares* obtusi.

### CHARACTER SPECIFICUS, &c.

*Simia fusco-olivacea*, albido undulata, humeris floccosis, facie auribus pedibusque atris, naso albo.

*Simia leonina*. *S.* ex olivaceo fuscescens, facie atra, ore albo, dorso striis albo flavescens, notato.

*Humb. Voy. Obs. Zool. &c.*

---

*Simiam leoninam*, in America australi inferiore et calidiore generatam, primus descripsit celeberrimus Humboldt. A rostri apice ad initium caudæ longitudo est quasi septuncialis. Eodem fere utitur vivendi modo quo cæteræ parvulæ simiæ. Color ex olivaceo fuscescit; variantur tamen superiores partes striis seu undulis albescentibus. Cauda totius animalis longitudini æqualis est.

W

1875

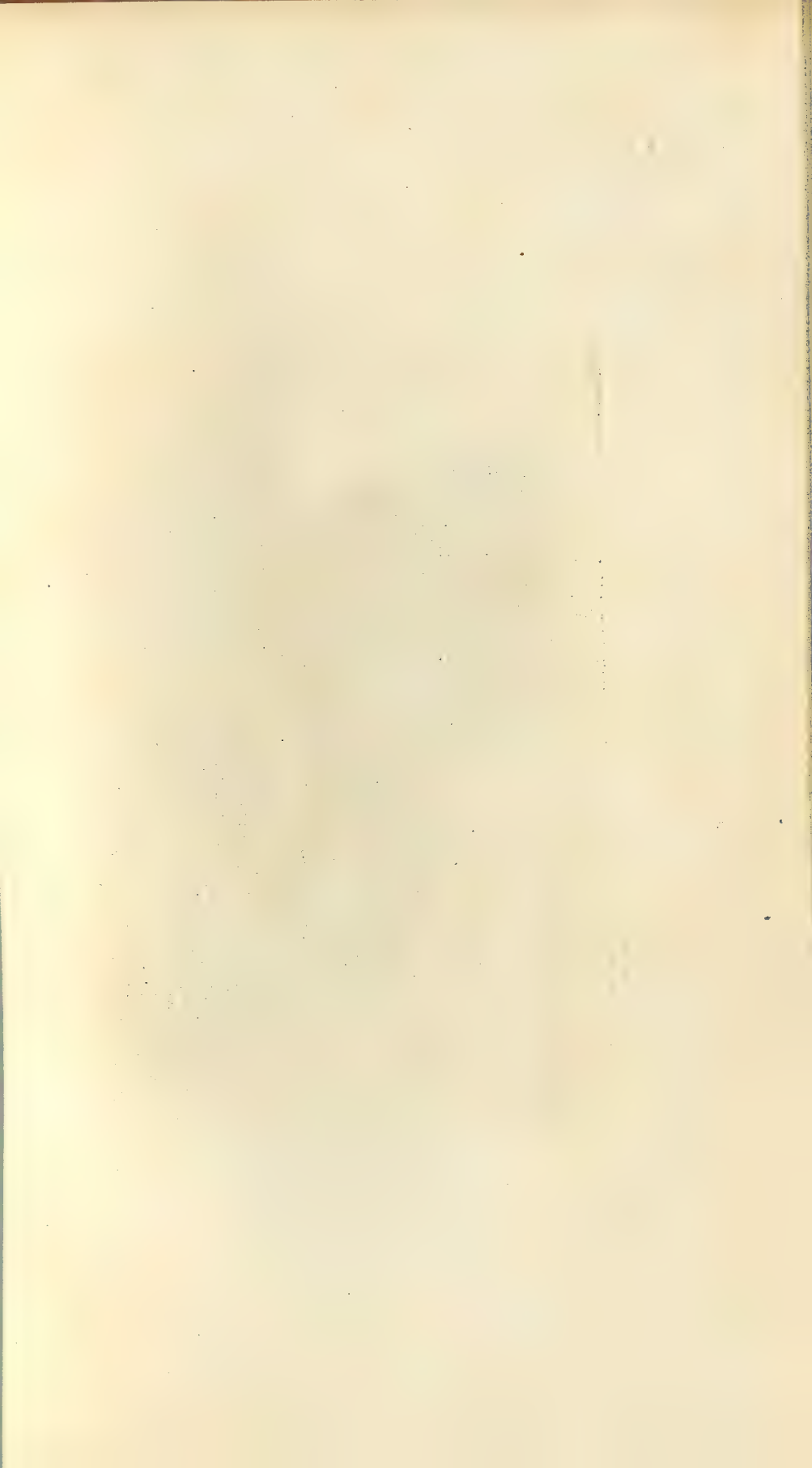
Approximate  
for on

1875

no longer  
affairs

1875







THE  
LEONINE MONKEY.

\*\*\*\*\*

GENERIC CHARACTER.

*Front-Teeth* in each jaw four, placed near together.

*Canine-Teeth* solitary, longer than the others, distant from the grinders.

*Grinders* obtuse.

SPECIFIC CHARACTER, &c.

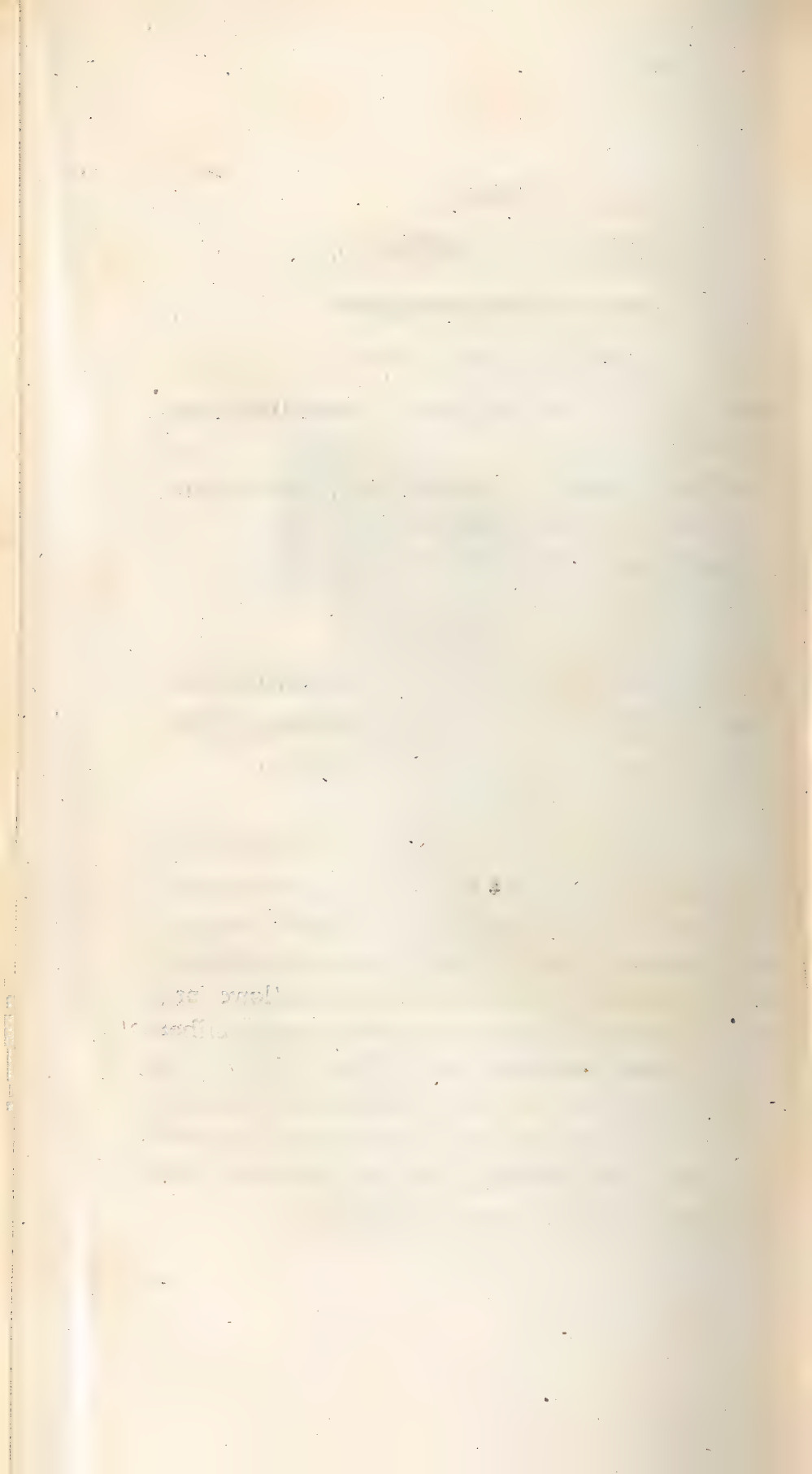
Brownish-olive Monkey, with whitish undulations, with long-haired shoulders, black face, ears and feet, and white nose.

Le Leoncito.

*Humb. et Bonpl. Voy. Obs. Zool. &c.*

---

This very small species of Monkey, which measures about seven inches from the tip of the nose to the beginning of the tail, is an inhabitant of the lower and hotter parts of South America, and was first described by the celebrated traveller Mons. Humdoldt. In its manners it resembles the rest of the smaller Monkies. Its colour is a brownish-olive, slightly waved or varied with whitish streaks on the upper parts; and the tail is of equal length with the rest of the animal.



## ANAS SPONSA.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Rostrum* lamelloso-dentatum, convexum, obtusum.

*Linguae* ciliata, obtusa.

*Lin. Syst. Nat.*

### CHARACTER SPECIFICUS, &c.

Anas crista variegata dependente, pectore castaneo albo-maculato, hypochondriis albo nigroque lunulatis.

Anas Sponsa. A. crista dependente duplici viridi cæruleo alboque varia.

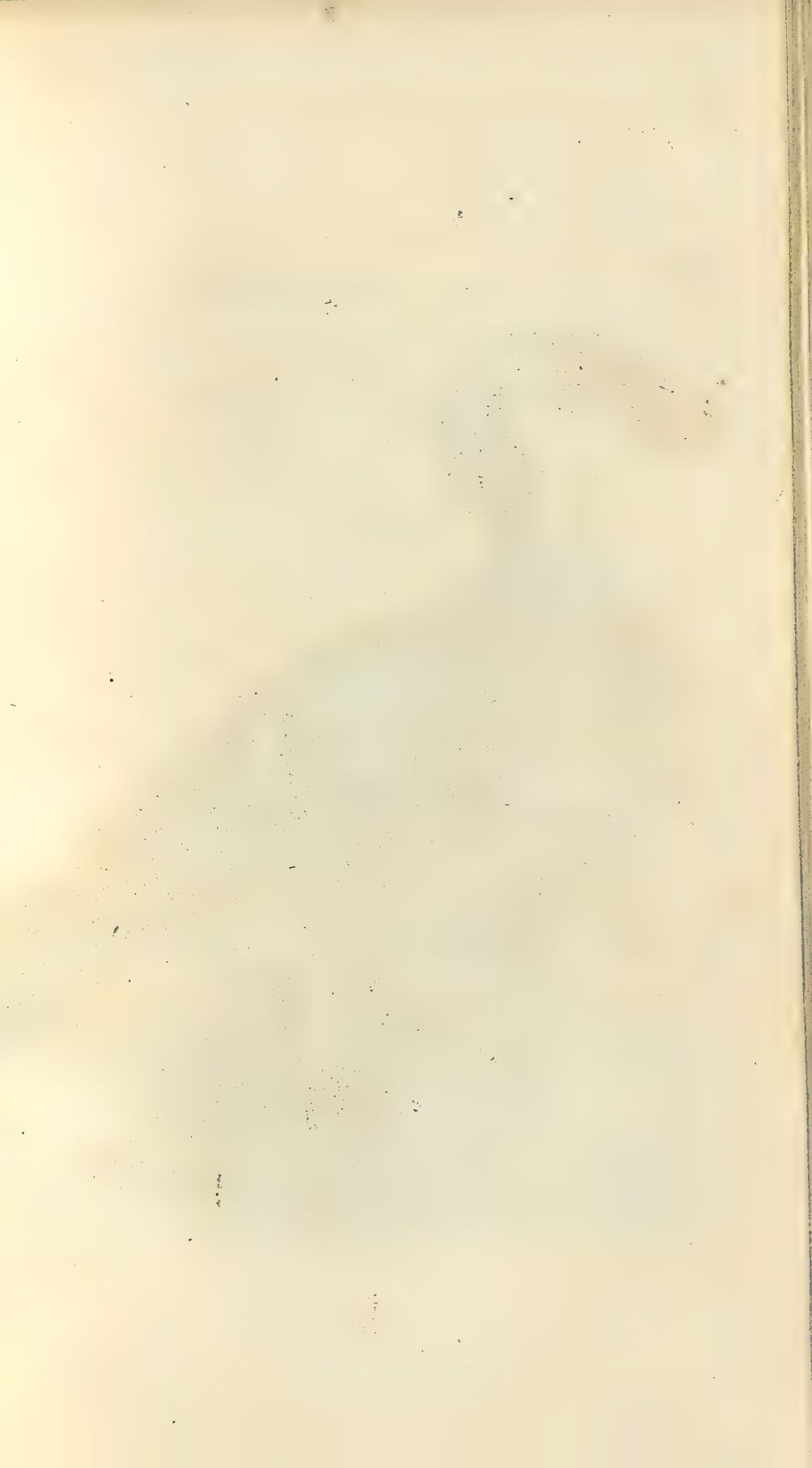
*Lin. Syst. Nat.*

---

In America tam septentrionali quam australi generatur formosissima hæc species; nec non in insulis nonnullis Indiæ occidentalis. Migrat huc illuc, mutata coeli temperie. Femina mare minor, fusca, subtus albida, nullo plumarum splendore superbit.

the technology also  
into practice

the system will  
be used in  
the future







THE  
SUMMER DUCK.

\*\*\*\*\*

GENERIC CHARACTER.

*Bill* broad and flattened; the edges marked with sharp lamellæ.

*Tongue* broad, and ciliated at the edges.

SPECIFIC CHARACTER, &c.

Duck with pendent variegated crest, chesnut breast spotted with white, and side-feathers lunulated with black and white.

The Summer Duck of Catesby.

*Edw.* pl. 101.

---

This most beautiful species is an inhabitant of many parts both of North and South America, migrating, according to the diversity of seasons, from one region to another. It is also found in some of the West Indian islands. The female is smaller, of a brown colour, and without any of that gaiety of plumage which so elegantly distinguishes the male.



# LABRUS ANNULATUS.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Dentes* robusti, subacuti : molares interdum, ut in Sparis, conferti, convexi: *labia* crassa, duplicata: *pinnæ dorsalis* radii in certis speciebus ramento elongati.

*Opercula* mutica, squamosa.

## CHARACTER SPECIFICUS, &c.

*Labrus annulatus*. *L. pallidus*, squamis minutis, fasciis utrinque novendecim fuscis, cauda subtriloba.

*Gen. Zool.* 4. p. 497.

Labre anele.

*Cepede.*

---

*Maria incolit Indica* *Labrus annulatus*, longitudine quasi pedali.

# THE JOURNAL OF THE

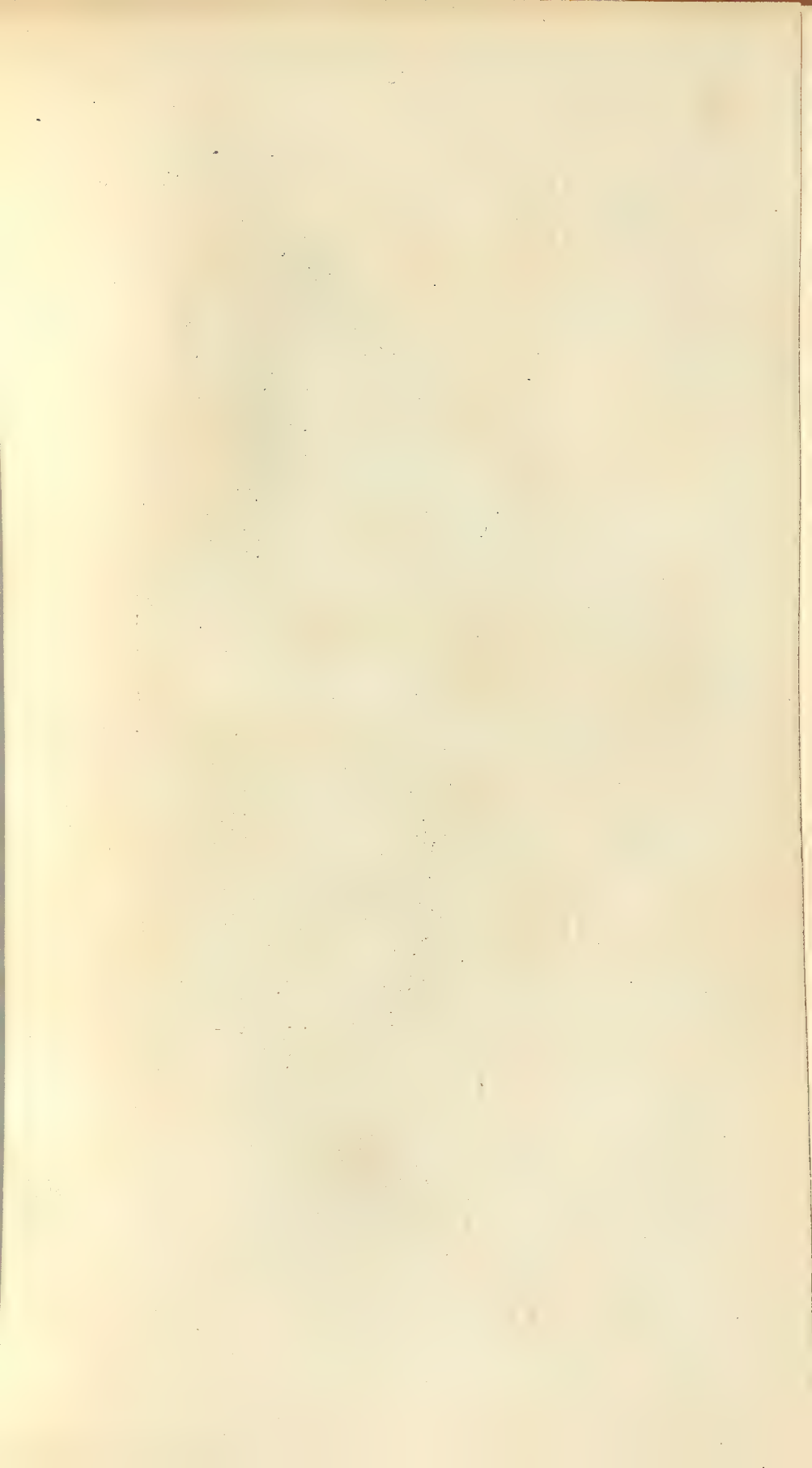
AMERICAN MEDICAL ASSOCIATION

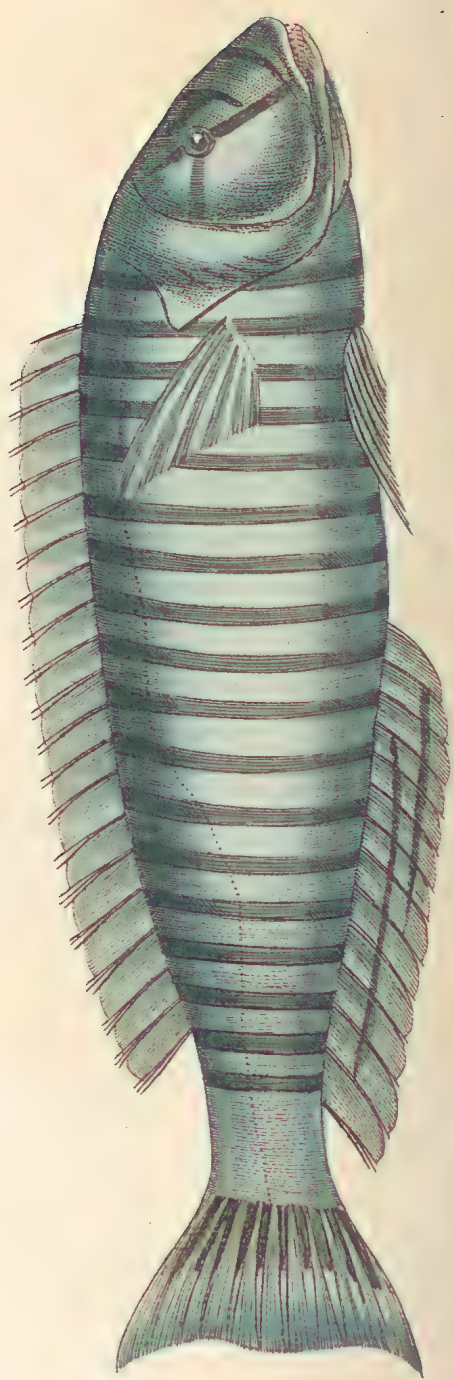
Published Weekly, except on Sundays, Holidays, and during the Summer Months, when it is published bi-weekly.  
Subscription price, \$5.00 per annum in advance.  
Single Copies, 15 Cents.  
Entered as Second-Class Matter, May 2, 1902, under Post Office No. 399, at Chicago, Ill., under special agreement for mailing at special rate of postage provided for in Act of October 3, 1917. Accepted for mailing at special rate of postage provided for in Act of October 3, 1917, on July 1, 1920.

Postpaid by the American Medical Association, 535 North Dearborn Street, Chicago, Ill.

Published by the American Medical Association, 535 North Dearborn Street, Chicago, Ill.  
Copyright, 1920, by American Medical Association.  
All rights reserved.  
Printed by the American Medical Association, 535 North Dearborn Street, Chicago, Ill.

Subscription orders, notices of change of address, and all correspondence should be sent to the American Medical Association, 535 North Dearborn Street, Chicago, Ill.  
Entered as Second-Class Matter, May 2, 1902, under Post Office No. 399, at Chicago, Ill., under special agreement for mailing at special rate of postage provided for in Act of October 3, 1917. Accepted for mailing at special rate of postage provided for in Act of October 3, 1917, on July 1, 1920.







THE  
ANNULATED LABRUS.

\*\*\*\*\*

GENERIC CHARACTER.

*Teeth* strong and subacute : the grinders sometimes convex and crowded : *lips* thick and doubled : rays of the *dorsal fin*, in some species, elongated into soft processes.

*Gill-Covers* unarmed, and scaly.

SPECIFIC CHARACTER, &c.

Pale Labrus, with minute scales, about nineteen dusky bands on each side, and subtrilobate tail.

Annulated Labrus.

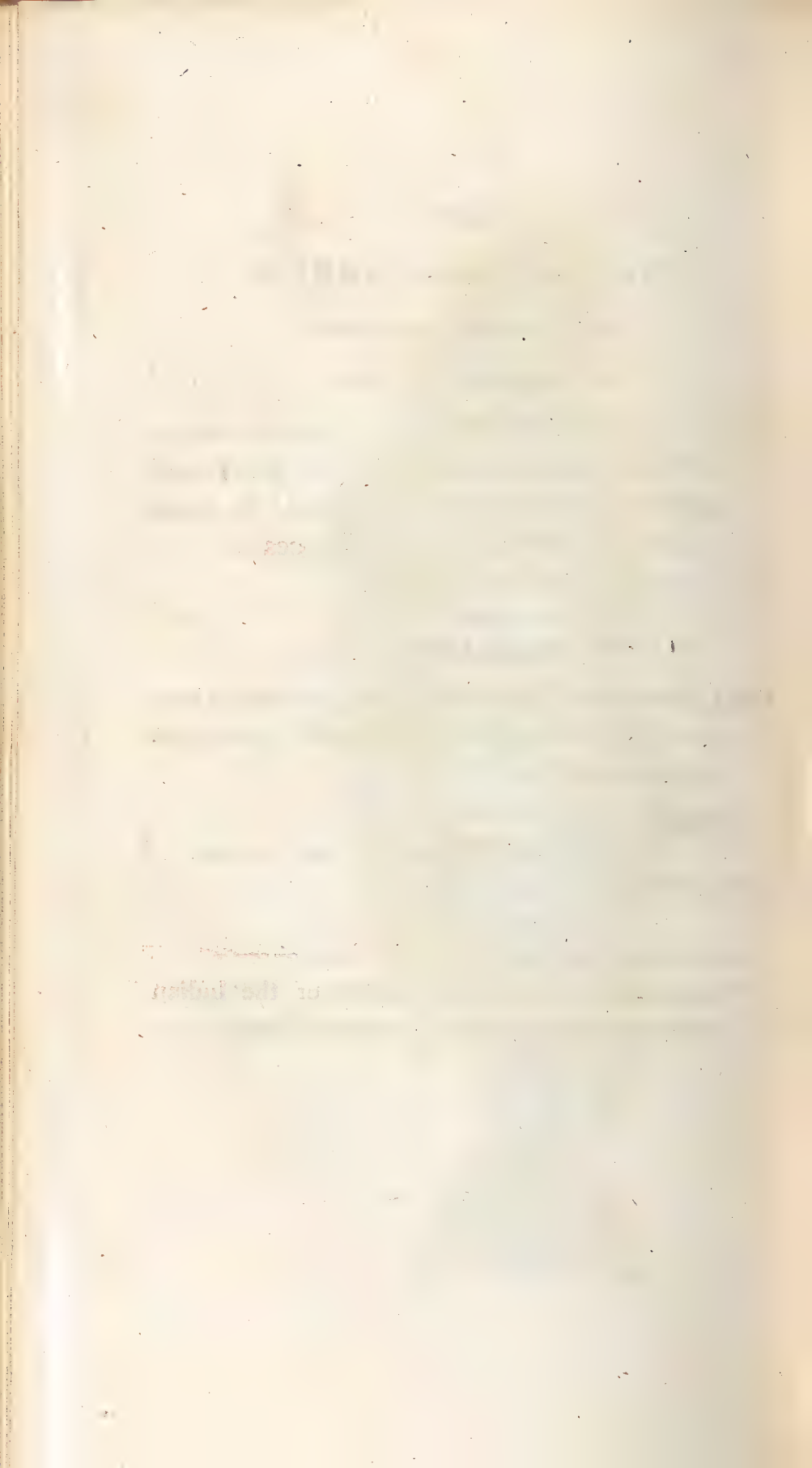
*Gen. Zool.* 4. p. 497.

Labre annelé.

*Cepede.*

---

The annulated Labrus is a native of the Indian seas, and measures about twelve inches in length.



## SPHINX PANDION.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Antennæ* subprismaticæ, utroque fine attenuatæ.

*Lingua* exserta (plerisque).

*Palpi* duo reflexi.

*Alæ* deflexæ.

### CHARACTER SPECIFICUS, &c.

Sphinx alis integris, superioribus olivaceis cano  
lineatis, inferioribus luteis nigro maculatis.

Sphinx Pandion.

*Cram.* t. 321. f. A.

---

Surinamiam incolit Sphinx Pandion, et magnitudine vera in tabula depingitur.

1870

1870





## PANDION.

\*\*\*\*\*

### GENERIC CHARACTER.

*Antennæ* subprismatic, attenuated at each extremity.

*Tongue* (generally) exserted.

*Feelers* two, reflex.

*Wings* deflected.

### SPECIFIC CHARACTER, &c.

Sphinx with entire wings, the upper pair olive-green, lineated with grey; the lower yellow, spotted with black.

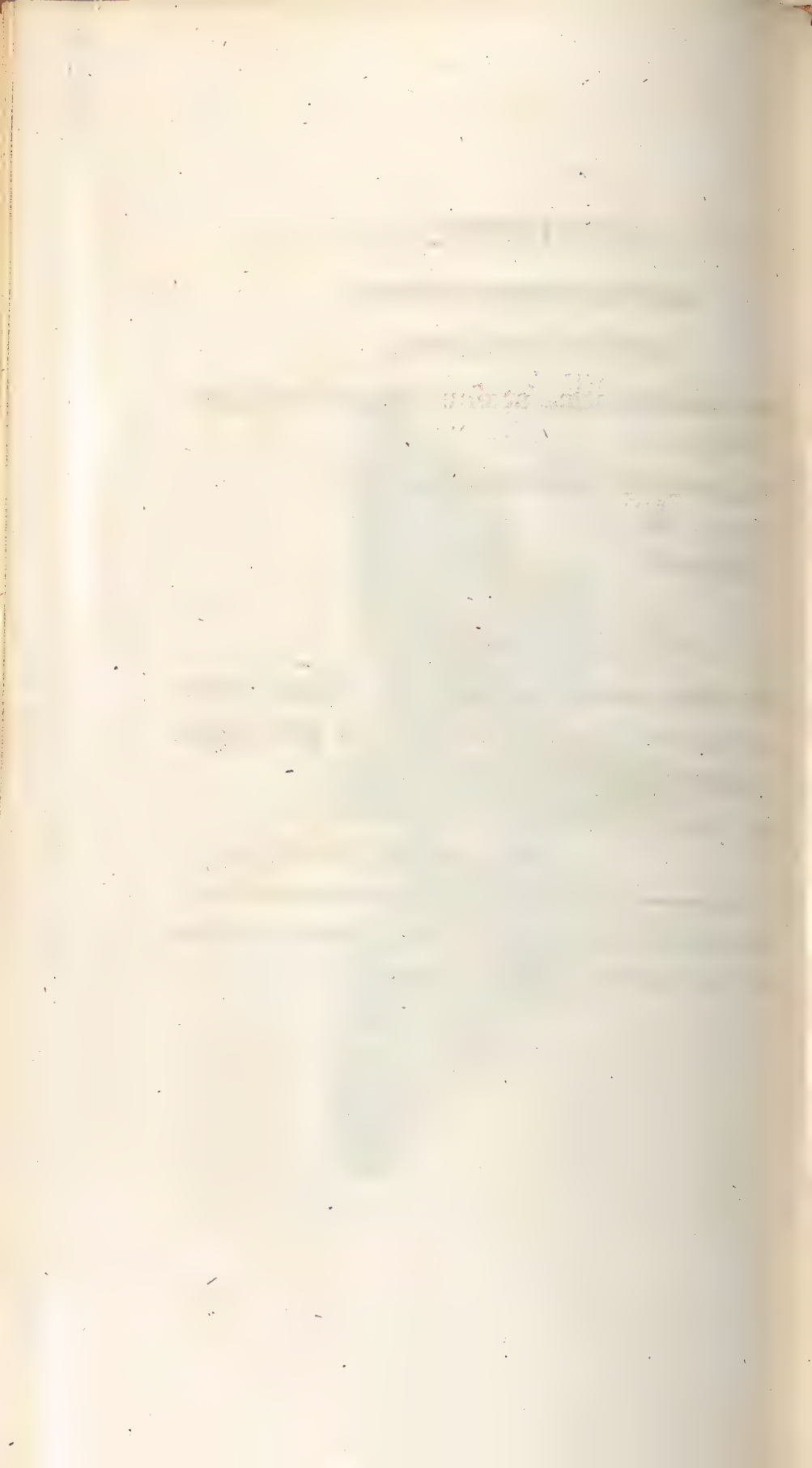
Sphinx Pandion.

*Cram.* pl. 321. f. A.

---

This insect is a native of Surinam, and is represented on the plate in its natural size.





## ASTERIAS SCOLOPENDROIDES.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Corpus* depressum; crusta subcoriacea, tentaculis muricata.

Os subtus, centrale, quinquevalve.

### CHARACTER SPECIFICUS, &c.

*Asterias ferruginea*, corpore orbiculari, radiis quinque gracilibus spinosis, spinis asperis diametro radii longioribus.

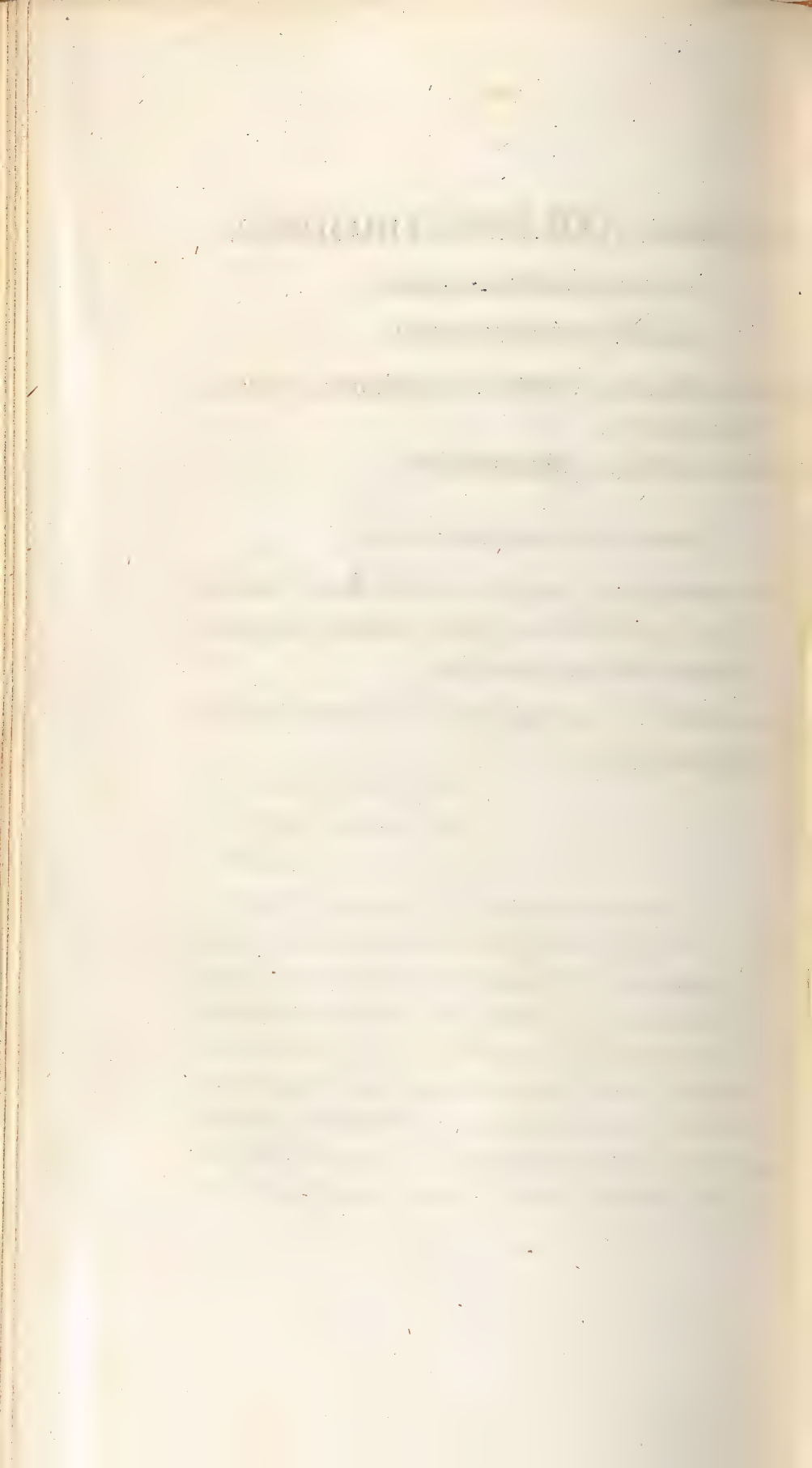
*Asterias ciliaris*? *A. radiata imbricata*, radiis utrinque ciliatis.

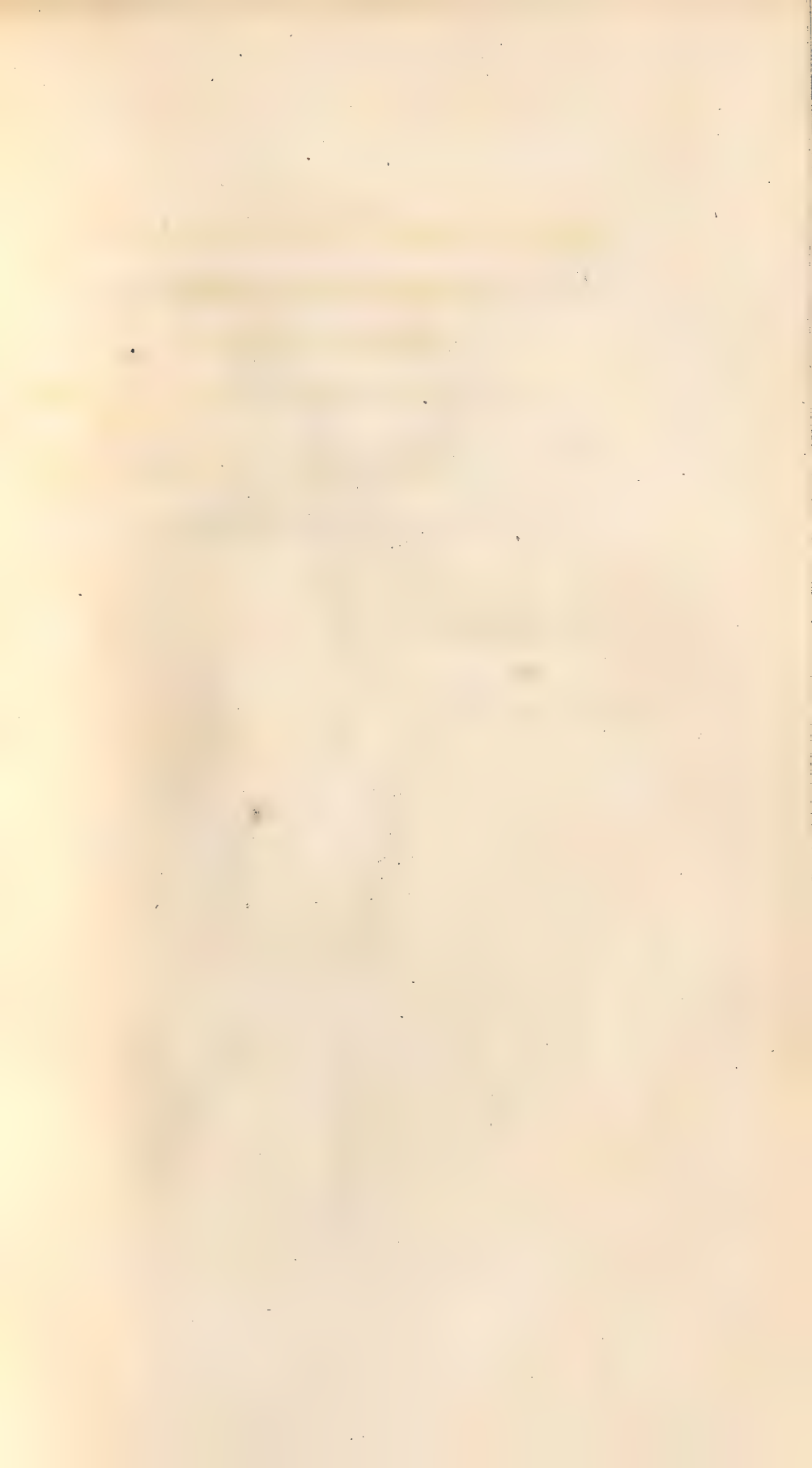
*Lin. Syst. Nat.*

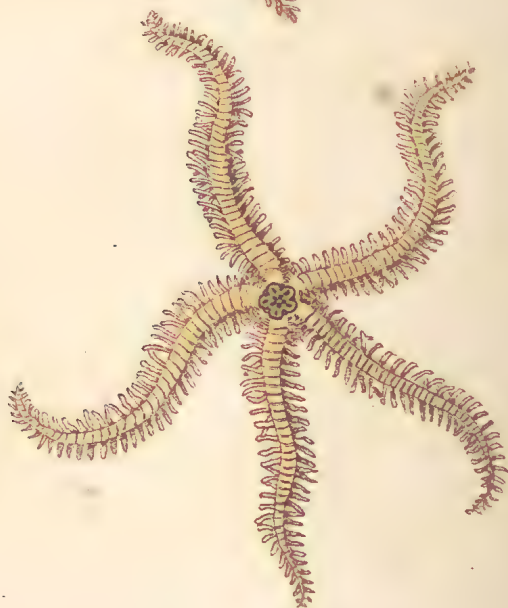
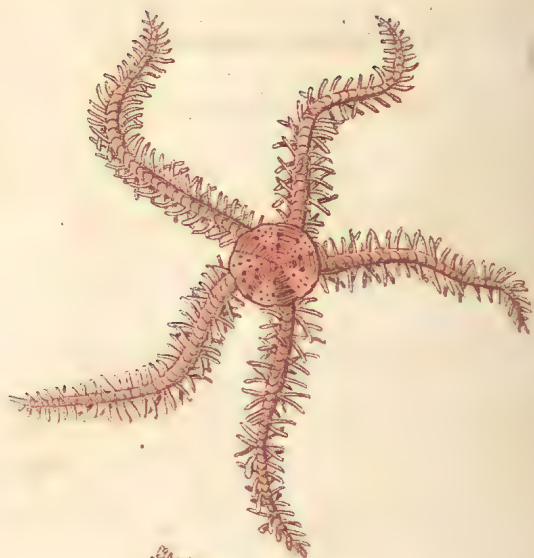
*Link* t. 34. f. 56. &  
t. 37. f. 65. 66.

---

Magna est *Asteriæ scolopendroidis* copia in variis litoribus septentrionalis Europæ; nullibi major quam in oris Britannicis. In numero est minorum specierum. Color generalis fusco-ruber seu ferrugineus, interdum, quod et aliis congeneribus accidit, in fuscum, violaceum, seu virescentem convertitur. *Asteriæ aculeatæ* conjunctior videtur quam alii alicui; ab hac tamen facile dignosci possit spinis longioribus et asperis.







THE  
SCOLOPENDROID STAR-FISH.

\*\*\*\*\*

*GENERIC CHARACTER.*

*Body* depressed, covered with a sub-coriaceous crust muricated with tentacula.

*Mouth* beneath, central, five-valved.

*SPECIFIC CHARACTER, &c.*

Ferruginous Star-Fish, with orbicular body and five slender spiny rays; the spines rough, and longer than the diameter of the ray.

Slender-Limbed Spiny Star-Fish.

---

This, which is among the smaller species of the genus *Asterias*, is by no means uncommon about the coasts of the northern parts of Europe, and of our own island in particular. Its general colour is dusky red or ferruginous, but, like most others of the genus, it varies; being sometimes brown, violet-coloured, or greenish. It seems most allied to the *Asterias aculeata*, from which it may easily be distinguished by the length and roughness of its spines.





## ARDEA VIRGO.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Rostrum* rectum, longum, acutum.

*Nares* lineares.

*Lingua* acuminata.

*Pedes* tetradactyli.

### CHARACTER SPECIFICUS, &c.

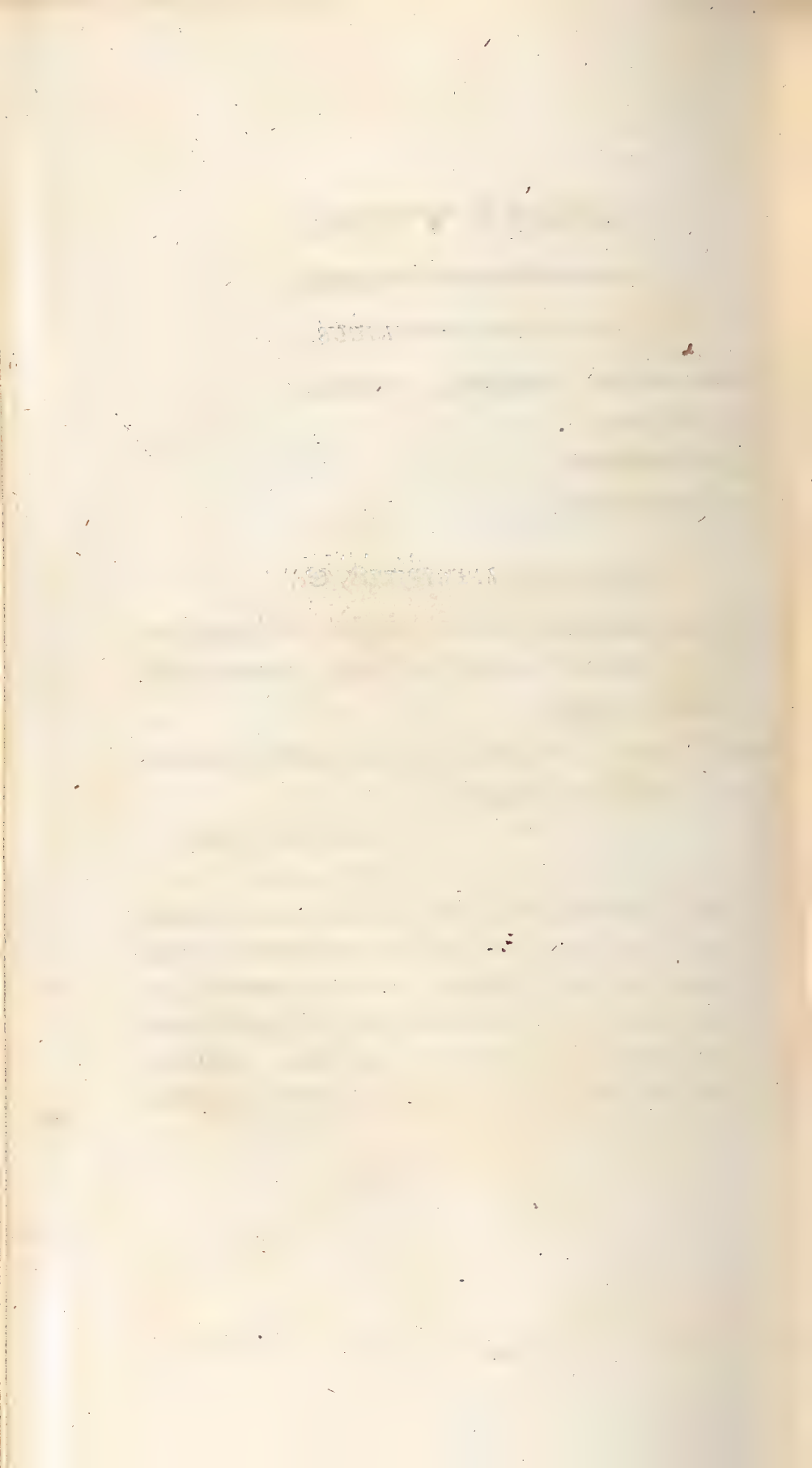
*Ardea cinereo-cærulescens*, capite collo pectoreque nigris, crista utrinque postoculari recurvata nivea.

*Ardea Virgo*. A. superciliis albis postice retrorsumque longe cristatis.

*Lin. Syst. Nat.*

---

Asiana et Africana est species de qua jam loquimur, ciconia paulo gracilior, nec tamen multo minor. In Britanniam non raro defertur: cito mansuescit, et cum custodibus init familiaritatem et amicitiam. Eleganter incedit, mire variatis gestibus. Merito numeranda est *Ardea Virgo* in pulcherrimis congenere.







THE  
NUMIDIAN CRANE.

\*\*\*\*\*

GENERIC CHARACTER.

*Bill* strait, long, sharp-pointed.

*Nostrils* linear.

*Tongue* pointed.

*Feet* tetradactylous.

SPECIFIC CHARACTER, &c.

Blueish-grey Heron, with black head, neck,  
and breast, and a snow-white recurved  
crest behind each eye.

Demoiselle Heron.

*Lath. syn.*

The Demoiselle of Numidia.

*Edw. pl. 134.*

Dancing, or Numidian Crane.

---

The present species of Heron is a native of many parts of Asia and Africa, and is about the size of a Crane, but of a somewhat more slender shape: it is not unfrequently brought into this country, where it is easily tamed, and exhibits a considerable degree of attachment to its possessor. It is remarkable for the variety and singular elegance of its attitudes, and may be justly considered as one of the most beautiful birds of the genus to which it belongs.

OFFICE OF THE  
SHERIFF

DEPARTMENT OF CORRECTIONS

STATE OF NEW YORK

1911

James J. [unclear]  
[unclear]

NEW YORK

# SCIÆNA MACROLEPIDOTA.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Caput squamosum.*

*Pinnæ dorsales duæ, in fossula recondendæ.*

*Membr. branch. radiis sex.*

## CHARACTER SPECIFICUS, &c.

*Sciæna flava, fasciis transversis fusco-violaceis,  
pinnis maculatis.*

*Gen. Zool. 4. p. 543.*

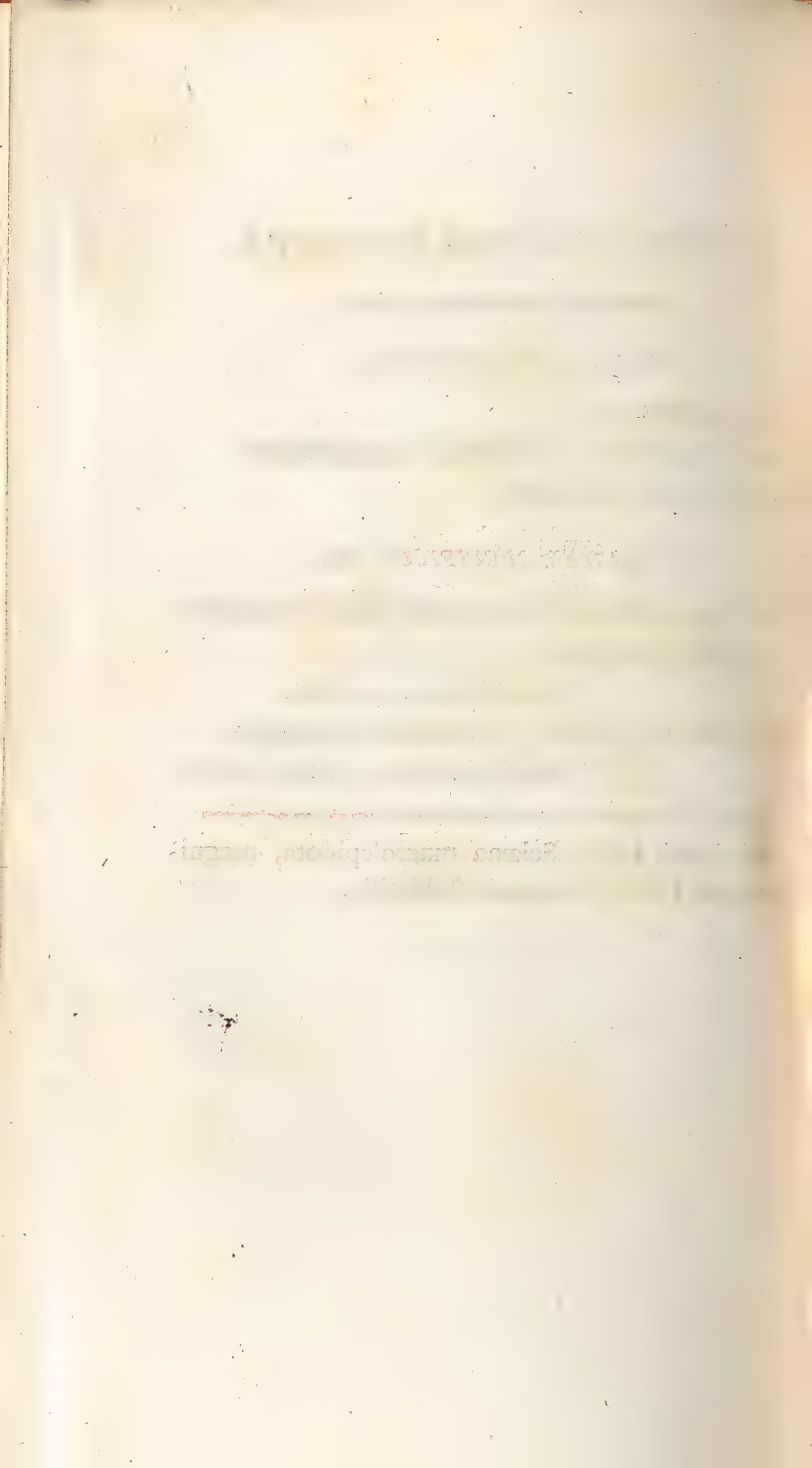
*Sciæna macrolepidota. S. squamis magnis.*

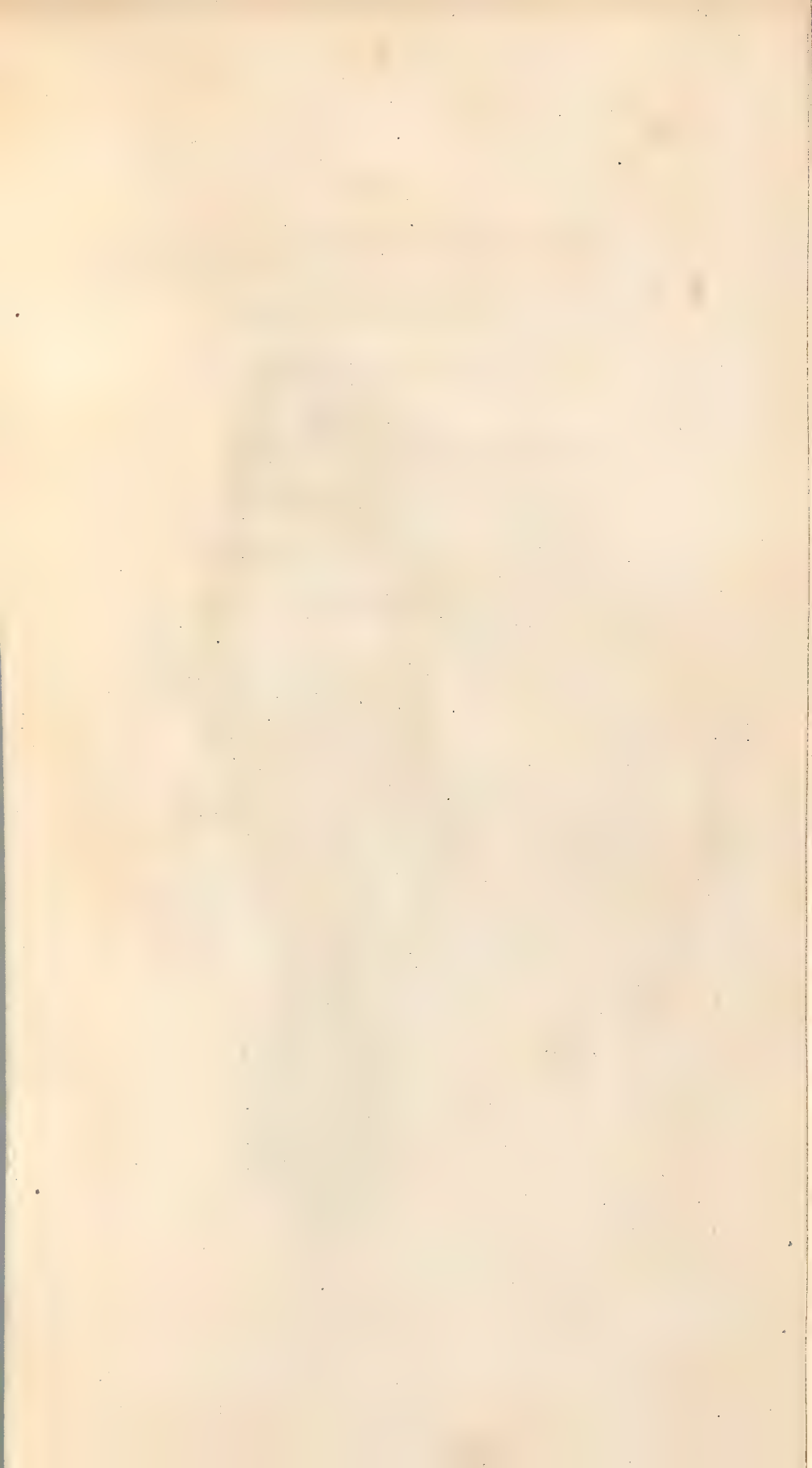
*Bloch. ichth. 9. p. 35. t. 298.*

---

*Maria incolit Indica Sciæna macrolepidota, magnitudine quasi Percæ communis fluviatilis.*







[illegible]

THE  
LARGE-SCALED SCIÆNA.

\*\*\*\*\*

GENERIC CHARACTER.

*Head* scaly.

*Dorsal fins* two, seated in a furrow, into which they may occasionally be withdrawn.

*Gill-membrane* six-rayed.

SPECIFIC CHARACTER, &c.

Yellow Sciæna, with transverse brownish-violet bands, and spotted fins.

Large-scaled Sciæna.

*Gen. Zool.* 4. p. 543.

---

The large-scaled Sciæna is a native of the Indian seas, and grows to the size of the common or river Perch.

10

THE

OF

the place of the common  
and is a native of the island

## PAPILIO POLYCHLOROS.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Antennæ* apicem versus crassiores, sæpius clavato-capitatae.

*Alæ* (sedentis) erectæ sursumque conniventes.  
(Volatu diurno.)

*Lin. Syst. Nat.*

### CHARACTER SPECIFICUS, &c.

*Papilio* alis denticulatis aurantiis, primoribus maculis tribus punctisque quatuor nigris.

*Papilio Polychloros.* P. alis angulatis fulvis nigro maculatis, primoribus supra punctis quatuor nigris.

*Lin. Syst. Nat.*

---

Folia ulmi salicisque præcipue depascitur larva hujus papilionis, et in chrysalidem mense Junio convertitur, unde mense Julio erumpit insectum plene formatum.









R. P. Wöden Del. Sculp. &c.

THE  
GREAT TORTOISE-SHELL  
BUTTERFLY.

\*\*\*\*\*

GENERIC CHARACTER.

*Antennæ* thickening towards the end, and generally terminating in a clavated tip.

*Wings* (when at rest) meeting upwards. Flight diurnal.

SPECIFIC CHARACTER, &c.

Butterfly with denticulated orange-coloured wings; the upper pair marked with three large and four small black spots.

Great Tortoise-shell Butterfly.

*Alb. ins.* pl. 55.

*Roes.* 1. pl. 2.

*Merian ins. Eur.* pl. 52.

---

The caterpillar of this insect feeds principally on the leaves of elm and willow, and changes to a chrysalis in the month of June, from which in July proceeds the Butterfly.



## CONUS AMADIS.

*Var.*

\*\*\*\*\*

### CHARACTER GENERICUS.

*Animal* Limax.

*Testa* univalvis, convoluta, turbinata.

*Apertura* effusa, longitudinalis, linearis, edentula, basi integra.

*Columella* lævis.

*Lyn. Syst. Nat.* p. 1165.

### CHARACTER SPECIFICUS, &c.

Conus testa pyramidata aurantio-fusca, fasciis latis saturatoribus albo variatis punctatisque.

Conus Amadis. C. testa dilute fusca, &c. &c.  
*Lin. Gmel.*

*Chemn.* 10. t. 142. f. 1322.  
1323.

*Var.* C. testa pyramidata lutea albo varia, fasciis duabus saturatoribus.

---

Pulcherrimum hoc conchylum, cujus imo colori albo superinjitur saturator luteus, varietatem esse crediderim Coni Amadis. Verisimile est incolam esse maris Indici.

# THE NEW YORK PUBLIC LIBRARY

ASTOR LENOX TILDEN FOUNDATION

155 E. 42ND STREET, NEW YORK 17, N. Y.

Open from 10 A. M. to 6 P. M.

Open on Saturdays from 10 A. M. to 5 P. M.

Open on Sundays from 12 M. to 5 P. M.

Open on the 1st of January from 10 A. M. to 6 P. M.

Open on the 1st of February from 10 A. M. to 6 P. M.

Open on the 1st of March from 10 A. M. to 6 P. M.

Open on the 1st of April from 10 A. M. to 6 P. M.

Open on the 1st of May from 10 A. M. to 6 P. M.

Open on the 1st of June from 10 A. M. to 6 P. M.

Open on the 1st of July from 10 A. M. to 6 P. M.

Open on the 1st of August from 10 A. M. to 6 P. M.

Open on the 1st of September from 10 A. M. to 6 P. M.

Open on the 1st of October from 10 A. M. to 6 P. M.

Open on the 1st of November from 10 A. M. to 6 P. M.

Open on the 1st of December from 10 A. M. to 6 P. M.

Open on the 1st of January from 10 A. M. to 6 P. M.

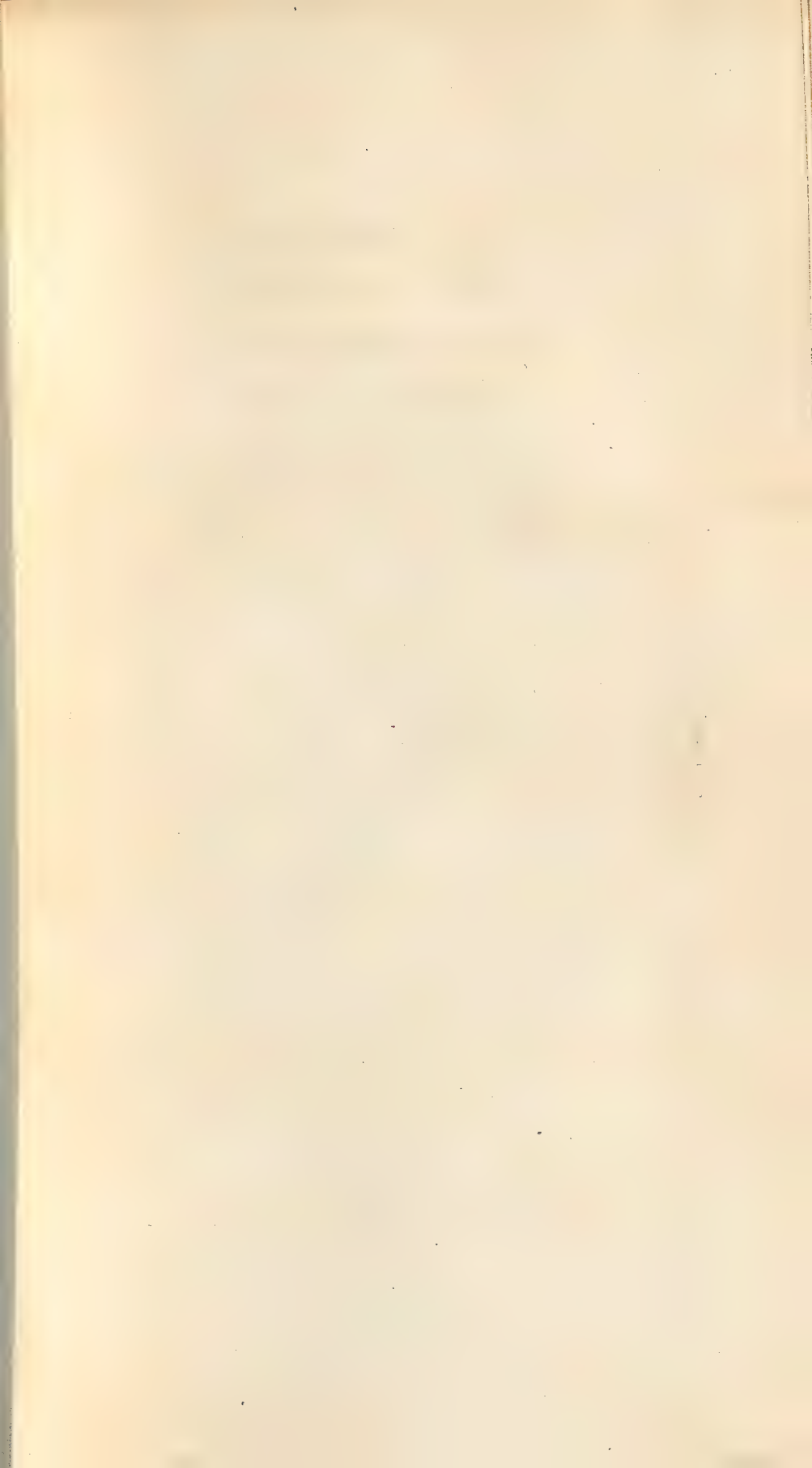
Open on the 1st of February from 10 A. M. to 6 P. M.

Open on the 1st of March from 10 A. M. to 6 P. M.

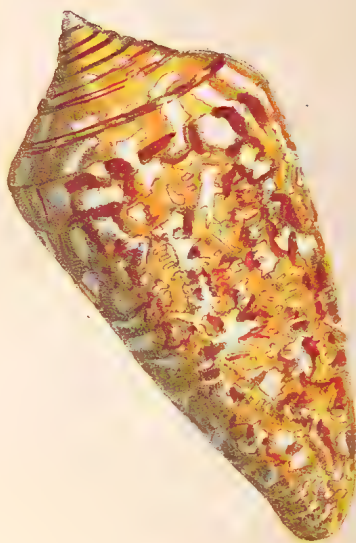
Open on the 1st of April from 10 A. M. to 6 P. M.

Open on the 1st of May from 10 A. M. to 6 P. M.

Open on the 1st of June from 10 A. M. to 6 P. M.







R. P. Wilson Del. Sculp.

THE  
AMADIS CONE.  
*Var.*

\*\*\*\*\*

GENERIC CHARACTER.

*Animal* resembling a Limax or Slug.

*Shell* more or less conic or pyramidal.

*Aperture* longitudinal, linear, without teeth,  
entire at the base.

*Pillar* smooth.

SPECIFIC CHARACTER, &c.

Cone with pyramidal orange-brown shell, with  
two broad deeper bands variegated and  
speckled with white.

The Amadis Cone.

Conus, &c. &c.

*Chemn.* 10. t. 142. f. 1322. 1323.

*Var.* Cone with pyramidal gold-yellow shell  
variegated with white, and with two  
deeper coloured bands.

The Yellow Admiral.

L'Amadis jaune.

*Knorr.* 6. pl. 5. f. 3.

---

This beautiful shell seems to be a variety of the  
Conus Amadis, and is distinguished by the peculiar  
richness of its deep-yellow variegations on a white  
ground. It is probably a native of the Indian seas.



# CAPRIMULGUS CAYANUS.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Rostrum* modice incurvum, minimum, subulatum, basi depressum.

*Vibrissæ* ad os serie ciliari.

*Rictus* amplissimus.

*Lingua* acuta, integerrima.

*Lin. Syst. Nat.* p. 118.

## CHARACTER SPECIFICUS, &c.

*Caprimulgus* albido-ferrugineus nigro lineatus, gula alba, remigibus caudaque albo nigroque variis.

*Caprimulgus* Cayanus. *C.* rufo griseoque varius nigro undulato-lineatus, gula fasciisque alarum alba, temporibus rufis striis quinque nigris.

*Lath. ind. orn.*

---

Habenda est hæc avis in elegantioribus sui generis. In America australi generatur, sæpissime in Cayenna. Idem fere est ei ingenium quod caprimulgo Europæo. Vescitur variis insectis, et nocte sola ad volandum utitur.









THE  
WHITE-NECKED GOATSUCKER.

\*\*\*\*\*

GENERIC CHARACTER.

*Bill* very small, slightly hooked, depressed at the base, and ciliated with bristles.

*Gape* very wide.

*Tongue* entire, and sharp-pointed.

SPECIFIC CHARACTER, &c.

Whitish-ferruginous Goatsucker, with black lineations, white throat, and black and white wings and tail.

L'Engoulevent de Cayenne.

*Buff. ois.* 6. p. 545.

Crapaud-volant varié de Cayenne.

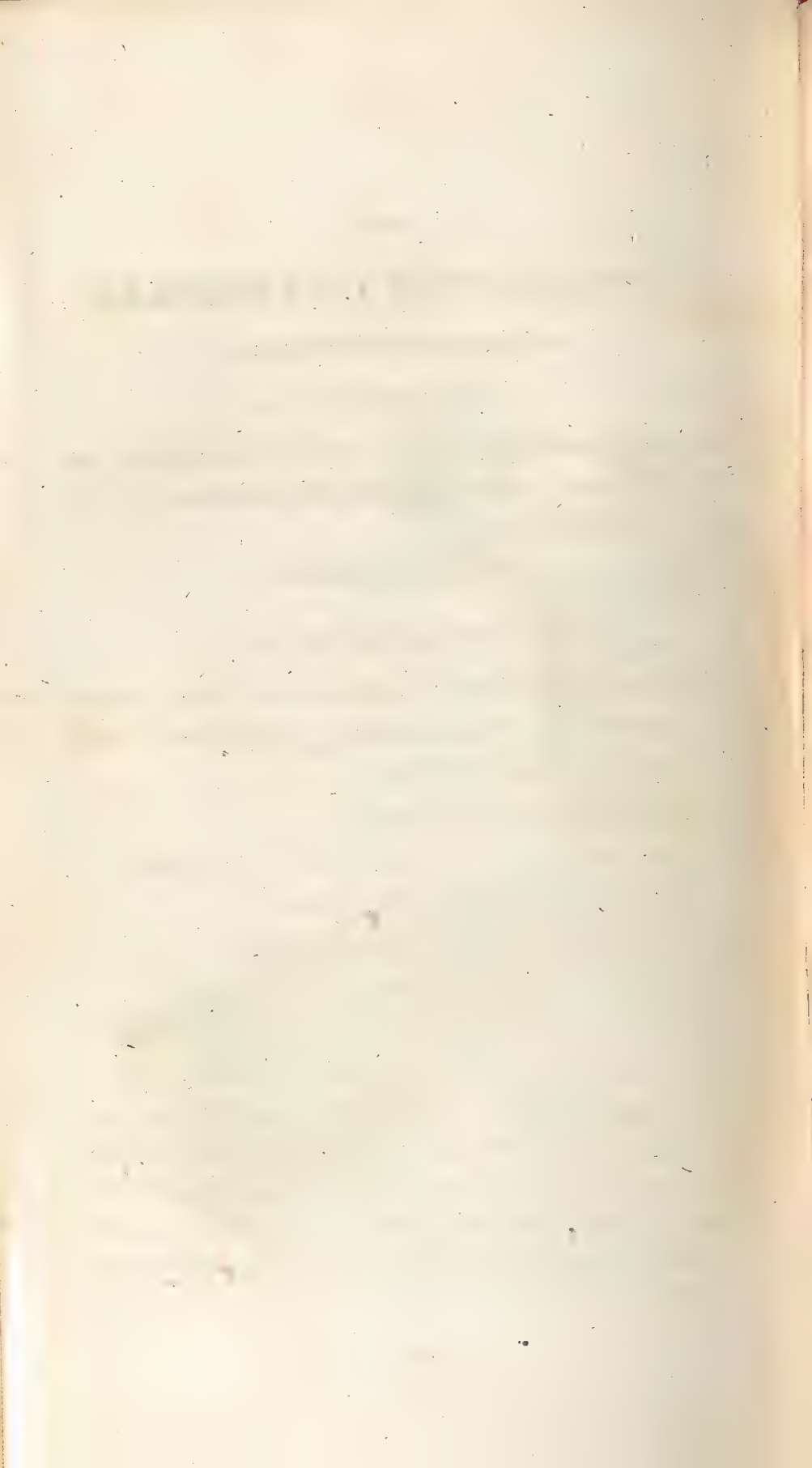
*Pl. Enl.* 760.

White-necked Goatsucker.

*Lath. syn.* 2. p. 599.

---

This bird, which, in point of plumage, may be considered as one of the most elegant of its tribe, is an inhabitant of South America, and particularly of Cayenne. In its manners it resembles the European species, flying only by night, and feeding on various insects.



## PAPILIO C-AUREUM.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Antennæ* apicem versus crassiores, sæpius clavato-capitatae.

*Alæ* (sedentis) erectæ, sursumque conniventes.  
(Volatu diurno.)

### CHARACTER SPECIFICUS, &c.

Papilio alis angulato-dentatis subcaudatis fulvis nigro maculatis; posticis nigricantibus, subtus C aureo notatis.

Papilio C-aureum. P. alis angulatis fulvis nigro maculatis; posticis subtus C-aureo notatis.

*Lin. Syst. Nat.*

Papilio alis dentatis fulvis nigro maculatis; posticis subtus C-aureo notatis.

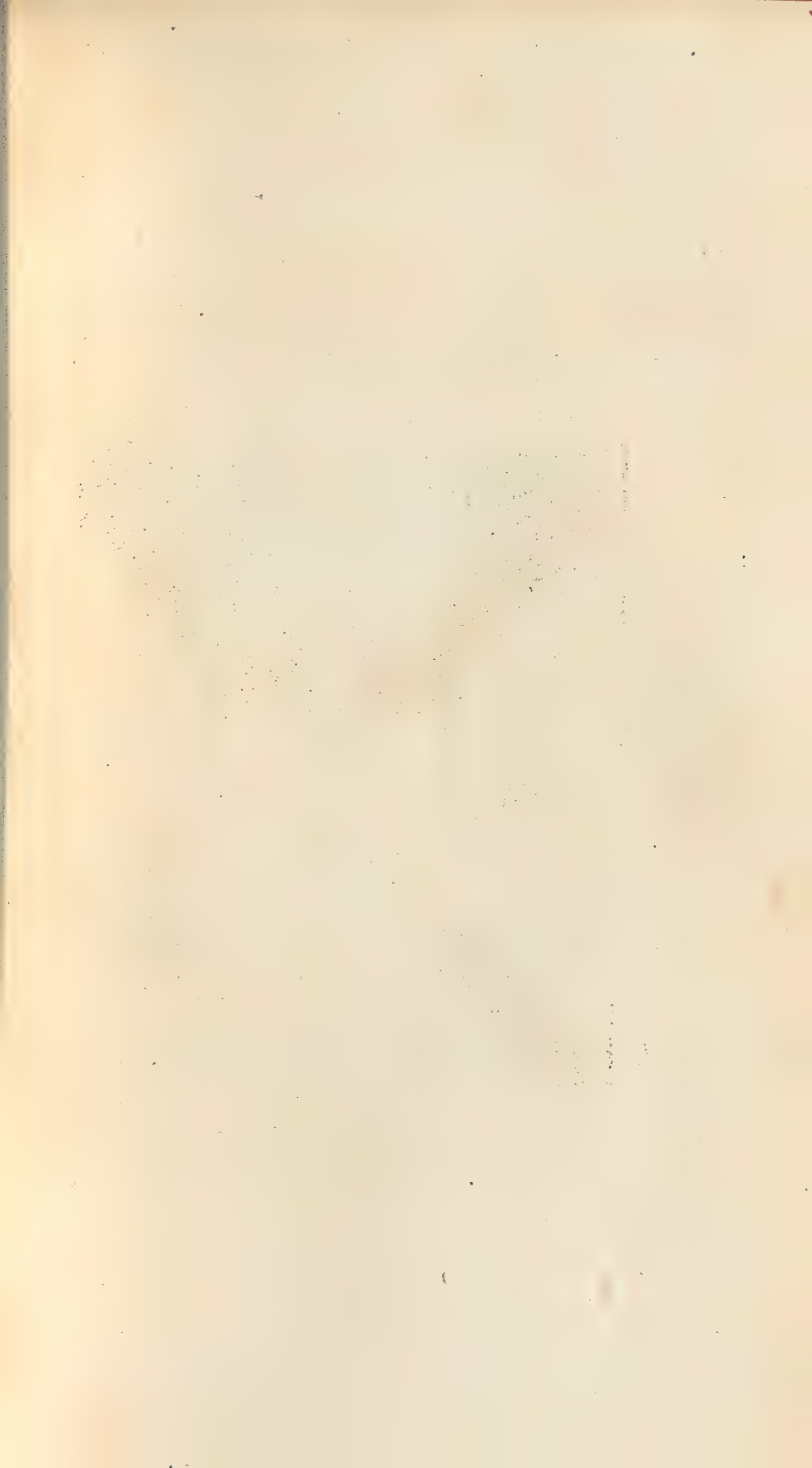
*Smith. Ins. Amer. t. 11.*

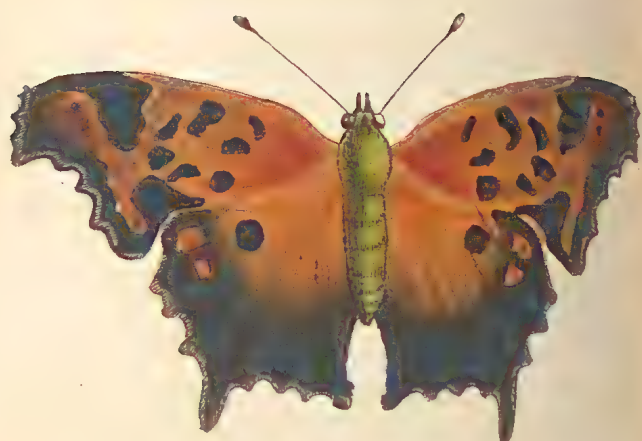
---

In Georgia et Virginia generatur Americana hæc species. Larva folia depascitur tiliæ albæ, et in chrysalidem Maio convertitur, unde insequente Junio erumpit ipse papilio.

...ing

...ing





THE  
AMERICAN COMMA BUTTERFLY.

\*\*\*\*\*

GENERIC CHARACTER.

*Antennæ* thickening towards the end, and terminating in a clavated tip.

*Wings* (when at rest) meeting upwards. Flight diurnal.

SPECIFIC CHARACTER, &c.

Butterfly with angularly-indented fulvous wings spotted with black; the lower pair blackish, and marked beneath with a golden C, or comma-shaped spot.

The American Comma Butterfly.

*Smith and Abbot N. Amer.*

*Ins. pl. 11.*

---

The *Papilio C-aureum* or American Comma Butterfly inhabits Georgia and Virginia, where its caterpillar feeds on the leaves of the white lime-tree, and changes to a chrysalis in the month of May, from which in that of June emerges the complete insect.





## SCIÆNA CORO.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Caput* squamosum.

*Pinnæ dorsales* duæ, in fossula recondendæ.

*Membr. branch.* radiis sex.

### CHARACTER SPECIFICUS, &c.

Sciæna argenteo-cærulescens, dorso subfusco,  
corpore utrinque striis octo transversis  
fuscis.

*Gen. Zool.* 4. p. 538.

Sciæna Coro. S. capite nudo, striis octo trans-  
versalibus.

*Bloch ichth.* 9. t. 307. f. 2.

Corocoro Brasiliensibus.

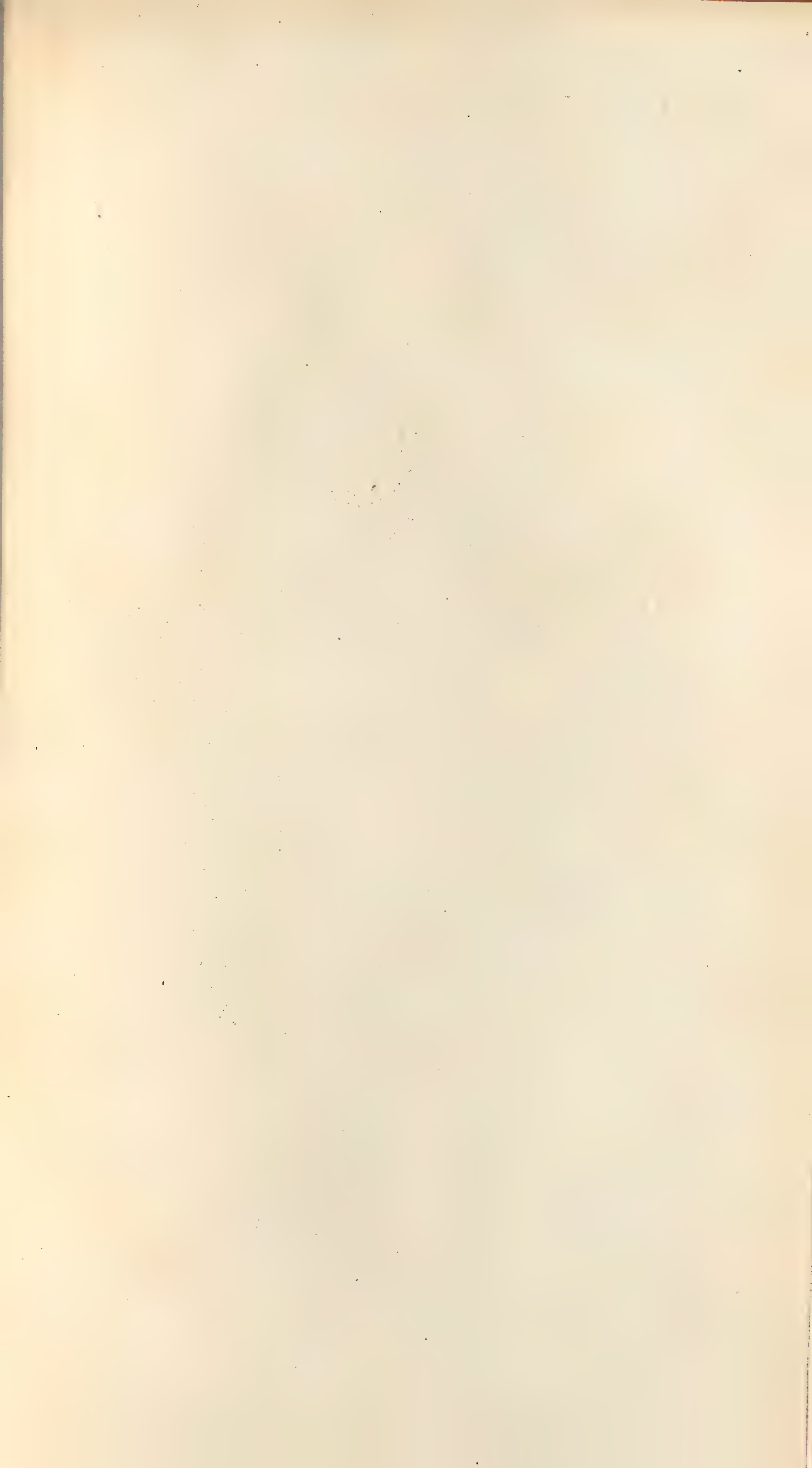
*Marcgr. Bras.* p. 177.

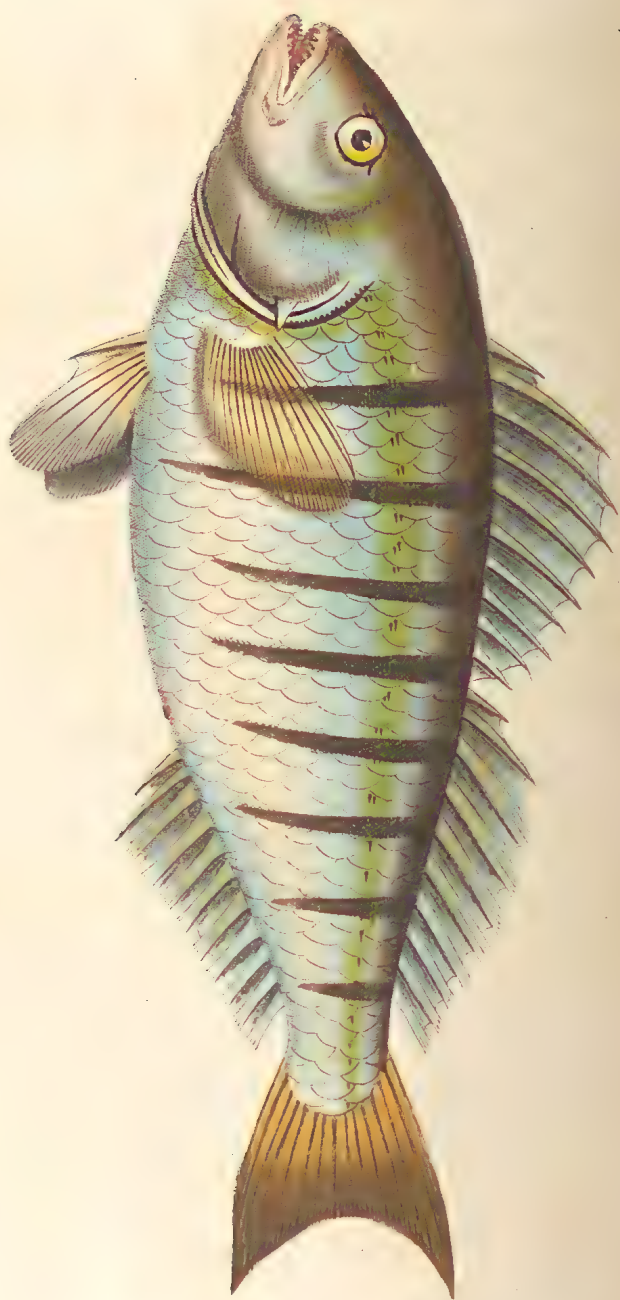
*Will. ichth.* p. 301. t. 18. f. 4.

---

Maria incolit Brasiliana Sciæna Coro, longa ple-  
rumque duodecim vel quindecim uncias.







THE  
CORO SCIÆNA.

\*\*\*\*\*

GENERIC CHARACTER.

*Head* scaly.

*Dorsal fins* two, seated in a furrow, into which they may occasionally withdraw.

*Gill-Membrane* six-rayed.

SPECIFIC CHARACTER, &c.

Silvery-blueish Sciæna, with brownish back, and body marked on each side with eight transverse brown bands.

Sciæna Coro.

*Bloch ichth.* pl. 307. f. 2.

The Corocoro of the Brasilians.

---

The present species of Sciæna is an inhabitant of the Brazilian seas, where it grows to the length of twelve or fifteen inches.





## SERTULARIA CEREOIDES.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Animal* crescens plantæ habitu.

*Stirps* emittens e cellulis vel denticulis calyciformibus hydras.

*Lin. Syst. Nat. Gmel.* p. 3844.

### CHARACTER SPECIFICUS, &c.

*Sertularia ramosa* prolifera, ramulis subcylindricis obtusiusculis.

*Cellaria cereoides*. *C. articulata* ramosa, articulis subcylindricis, osculis cellularum undique prominulis.

*Soland. et Ellis Zooph.* p. 26.

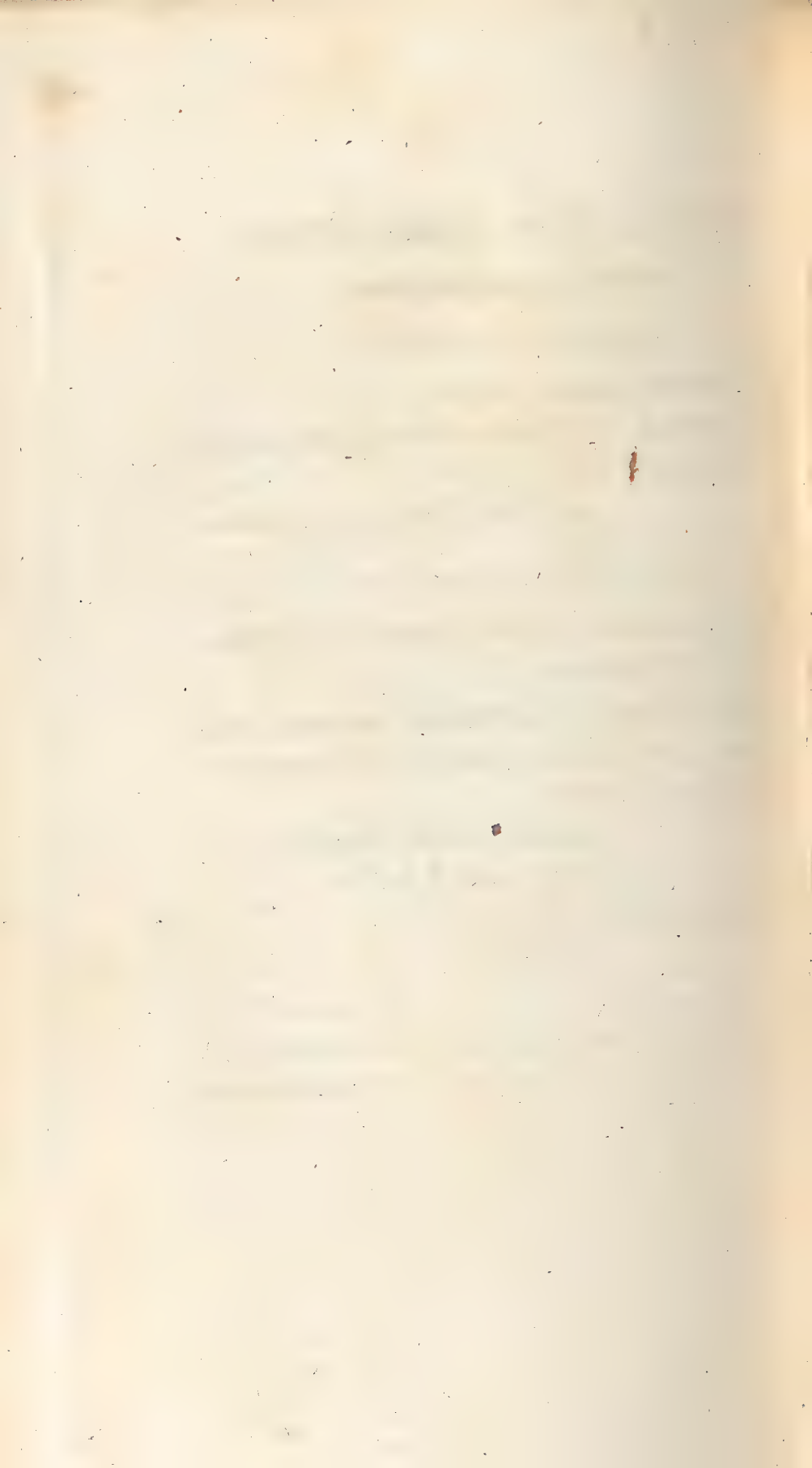
t. 5. f. b. B. &c.

*Sertularia cereoides*.

*Lin. Gmel.*

---

Circa litora Africana præcipue conspicitur *Sertularia cereoides*, altitudine tres vel quatuor uncias æquans.





*R. Nodosa T. et P. sp.*

THE  
CEREOID SERTULARIA.

\*\*\*\*\*

GENERIC CHARACTER.

*Animal* growing with the appearance of a plant.  
*Stem* emitting polypes from calycular cells or  
denticles.

SPECIFIC CHARACTER, &c.

Ramified proliferous Sertularia, with subcylindrical subobtuse ramifications.

Torch-Thistle Cell-Coralline.

*Sol. et Ellis Zooph.* p. 26. pl. 5.

Torch-Thistle or Cereoid Sertularia.

---

The cereoid Sertularia is principally observed about the coasts of Africa, rising to the height of three or four inches.



## COLYMBUS GLACIALIS.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Rostrum* rectum, acutum, mandibulis lateribus  
coarctatis.

*Nares* lineares.

*Lingua* longa, acuta, basi lateribus denticulata.

*Crura* compressa. Pedes tetradactyli, compe-  
des, palmati, digito exteriori longiore,  
postico parvo interiori membranula coa-  
dunato.

*Cauda* brevis, viginti pennis constans.

*Lath. ind. orn.*

### CHARACTER SPECIFICUS, &c.

*Colymbus niger nitens*, maculis quadratis albis;  
subtus abus; collari albo nigro lineato.

*Colymbus glacialis*. *C.* pedibus palmatis tetra-  
dactylis, capite colloque nigro-violaceo,  
fascia gulæ cervicisque alba interrupta.

*Lin. Syst. Nat.*

*Colymbus maximus Ferroensis seu Arcticus*.

*Clus. exot.* 102. *Worm.*

*mus.* 303.

---

Congenerum maximus *Colymbus glacialis* alitur  
fere in omnibus Europæ septentrionalis partibus; bre-  
vium, stagnorum majorum, et fluviorum incola. Vés-  
citur piscibus et insectis aquaticis. Anserem superat  
magnitudine, longus quasi tres pedes cum dimidio  
pedis.



# THE CHAIR

THE CHAIR is a play in three acts, written by the English dramatist, George Bernard Shaw. It was first performed at the Theatre Royal, Plymouth, on 11th November 1906, and at the Theatre Royal, Manchester, on 14th November 1906. The play is a comedy, and is based on the story of a man who is forced to sit in a chair for a long time, and who eventually dies in the chair.

THE CHAIR is a play in three acts, written by the English dramatist, George Bernard Shaw. It was first performed at the Theatre Royal, Plymouth, on 11th November 1906, and at the Theatre Royal, Manchester, on 14th November 1906. The play is a comedy, and is based on the story of a man who is forced to sit in a chair for a long time, and who eventually dies in the chair.

THE CHAIR is a play in three acts, written by the English dramatist, George Bernard Shaw. It was first performed at the Theatre Royal, Plymouth, on 11th November 1906, and at the Theatre Royal, Manchester, on 14th November 1906. The play is a comedy, and is based on the story of a man who is forced to sit in a chair for a long time, and who eventually dies in the chair.

THE CHAIR is a play in three acts, written by the English dramatist, George Bernard Shaw. It was first performed at the Theatre Royal, Plymouth, on 11th November 1906, and at the Theatre Royal, Manchester, on 14th November 1906. The play is a comedy, and is based on the story of a man who is forced to sit in a chair for a long time, and who eventually dies in the chair.

THE CHAIR is a play in three acts, written by the English dramatist, George Bernard Shaw. It was first performed at the Theatre Royal, Plymouth, on 11th November 1906, and at the Theatre Royal, Manchester, on 14th November 1906. The play is a comedy, and is based on the story of a man who is forced to sit in a chair for a long time, and who eventually dies in the chair.

THE CHAIR is a play in three acts, written by the English dramatist, George Bernard Shaw. It was first performed at the Theatre Royal, Plymouth, on 11th November 1906, and at the Theatre Royal, Manchester, on 14th November 1906. The play is a comedy, and is based on the story of a man who is forced to sit in a chair for a long time, and who eventually dies in the chair.





THE  
NORTHERN DIVER.

\*\*\*\*\*

GENERIC CHARACTER.

*Bill* strong, strait, pointed: upper mandible the longest; the edges of each bending inwards.

*Nostrils* linear; the upper part divided by a small cutaneous appendage.

*Tongue* long and pointed; serrated on each side near the base.

*Legs* thin and flat; toes four in number, the exterior longest, the back toe very small, and joined to the interior by a small membrane.

*Tail* short, consisting of twelve feathers.

*Lath. Syn.*

SPECIFIC CHARACTER, &c.

Glossy-black Diver with square white spots; beneath white; with white collar streaked by black lines.

The Northern Diver.

*Penn. Brit. Zool.*

*Lath. synops.*

Greatest Speckled Diver or Loon.

*Will. orn.*

---

This species, the largest hitherto discovered, is an inhabitant of almost all the northern regions of Eu-

rope, frequenting shallow seas, large lakes, and rivers, and feeding on fish and water-insects. Its size is superior to that of a Goose, measuring near three feet and a half in length.

## PAPILIO HUNTERA.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Antennæ* apicem versus crassiores, sæpius clavato-capitatae.

*Alæ* (seditis) erectæ sursumque conniventes.  
(Volatu diurno.)

*Lin. Syst. Nat.*

### CHARACTER SPECIFICUS, &c.

Papilio Huntera. P. alis angulatis fulvis albo nigroque variis; posticis subtus albo reticulatis ocellisque duobus.

*Smith. Abbot ins. Amer. t. 9.*

Papilio Huntera.

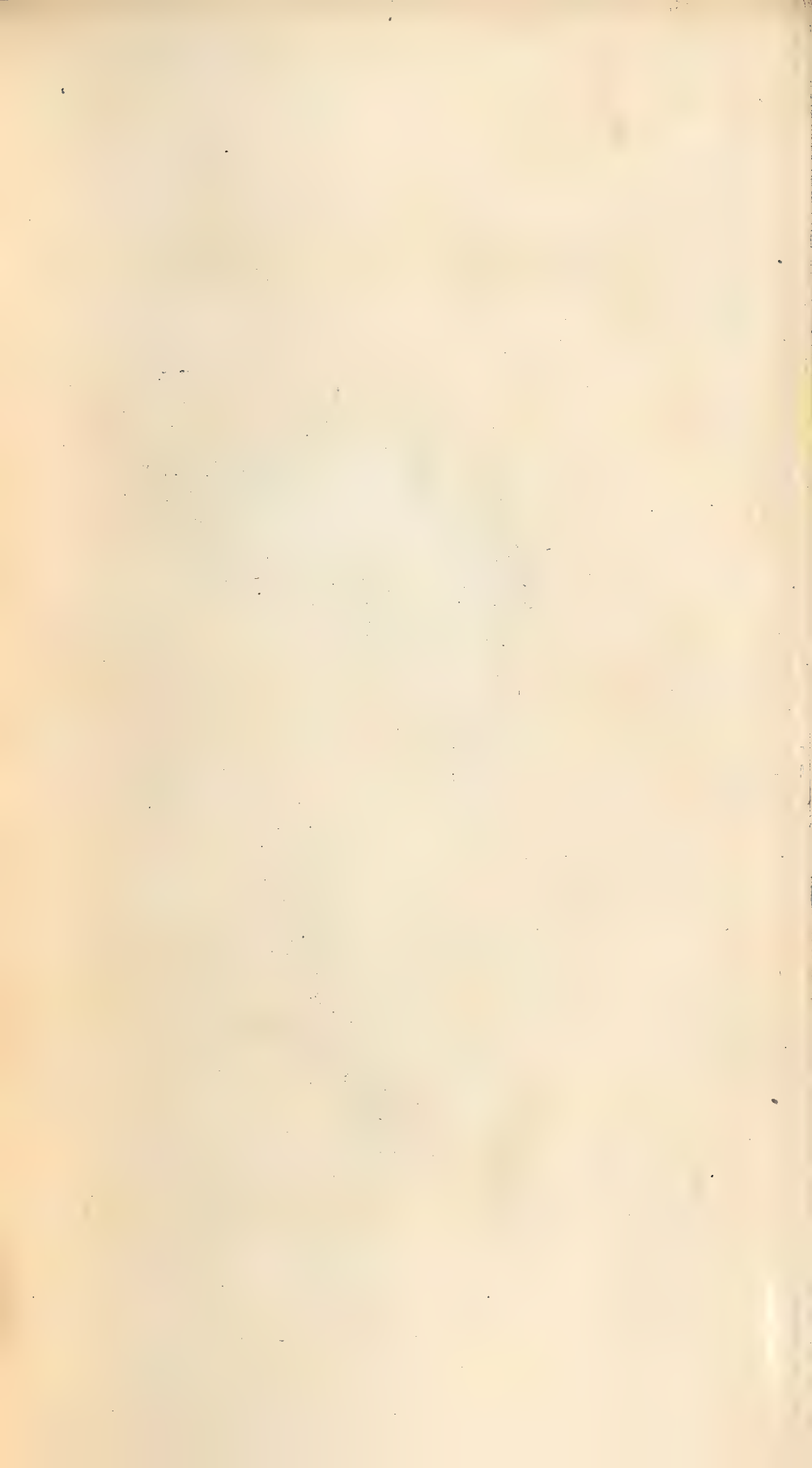
*Fabr. Entom. emend. 5. 4, 104.*

---

Ob nimiam quæ est inter hunc papilionem et Europæum illum *cardui* nomine distinctum, non dubitare Linnæus et alii plurimi physici unam eandemque speciem pronunciare. Aliter tamen censuit Fabricius; et accurate collatis inter se speciminibus, sententiam ejus facile comprobaveris; Americanum enim ab Europæo evidenter discriminant alæ latiores et breviores.

In Georgia et Carolina generatur Papilio Huntera; larva vescitur foliis variarum herbarum quibus nomen *Gnaphalium*.









# THE AMERICAN PAINTED LADY BUTTERFLY.

\*\*\*\*\*

## GENERIC CHARACTER.

*Antennæ* thickening at the end, and generally terminating in a clavated tip.

*Wings* (when at rest) meeting upwards. Flight diurnal.

## SPECIFIC CHARACTER, &c.

Butterfly with angulated fulvous wings, variegated with black and white; the lower pair reticulated with white beneath, and marked with two ocellated spots.

American Painted Lady Butterfly.

*Smith. Abbot. N. Amer.*

*Ins. pl. 9.*

---

So great is the general similarity between this and the European Butterfly, called *Papilio cardui*, or Painted Lady, that Linnæus and most other naturalists seem to have considered it as the same species. It has however been regarded as distinct by Fabricius, whose opinion is justified by an accurate collation of the European and American specimens; and, as a general or obvious mark of distinction, it may be observed, that the wings in the American insect are shorter and broader in proportion than in the European kind. It is found in the provinces of Georgia and Carolina, where its caterpillar feeds on different species of *Gnaphalium*.



## CORALLINA INCRASSATA.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Animal?* crescens habitu plantæ.

*Stirps* fixa. Rami articulati, ramulosi.

### CHARACTER SPECIFICUS, &c.

Corallina incrassata. C. trichotoma articulata,  
articulis compressis convexo-planis cuneiformibus.

*Lin. Syst. Nat. Gmel.*

Corallina incrassata.

*Soland. et Ellis Zooph.* p. 111.

t. 20. f. d. D.

*Ellis Corall.* p. 53. t. 25.

f. a. b. c.

---

Circa litora insularum Americanarum non raro conspicitur Corallina incrassata, cujus veram magnitudinem cernere est in tabula.

THE UNIVERSITY OF CHICAGO

LIBRARY OF THE UNIVERSITY OF CHICAGO  
545 EAST DICKENS STREET  
CHICAGO, ILL. 60607

Received of the University of Chicago

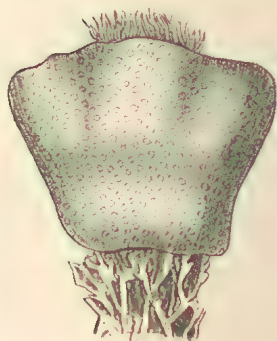
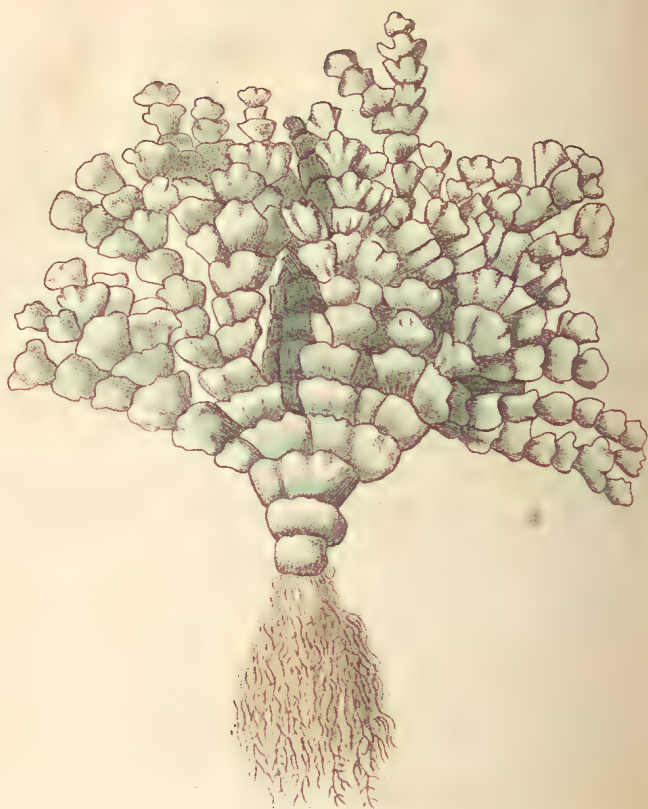
the sum of \$100.00

for the purchase of books

for the library of the University of Chicago

for the year 1954





THE  
THICK-LEAVED CORALLINE.

\*\*\*\*\*

GENERIC CHARACTER.

*Animal?* growing in the form of a Plant.

*Stem* fixed: branches jointed and subdivided.

SPECIFIC CHARACTER, &c.

Trichotomous jointed Coralline, with compressed, plano-convex cuneiform joints.

Fleshy Coralline.

*Solander et Ellis Zooph.* p. 111.  
pl. 20. f. d. d.

*Ellis Corall.* p. 53. f. A. a.

---

This species of Coralline is by no means uncommon on the shores of the American islands, and is represented in its natural size.





## PATELLA TESTUDINARIA.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Animal* Limax.

*Testa* univalvis, subconica, absque spira.

*Lin. Syst. Nat.* p. 1257.

### CHARACTER SPECIFICUS, &c.

*Patella* testa integerrima ovata lævi, luteo fuscoque varia, intus subargentea.

*Patella testudinaria.* *P. testa* integerrima ovata lævi glaberrima.

*Lin. Syst. Nat.* p. 1260.

*Patella testudinaria.* *P. testa* integerrima acuta lævi glaberrima.

*Lin. Syst. Nat. Gmel.* p. 3717.

---

## PATELLA PLICARIA.

### CHARACTER SPECIFICUS, &c.

*Patella* testa imbricato-radiata alba fusco-nebulosa, margine denticulato, intus alba.

*Patella plicaria?* *P. testa* ovata dentata; striis elevatis obtusis triginta undulatis transversim rugosis.

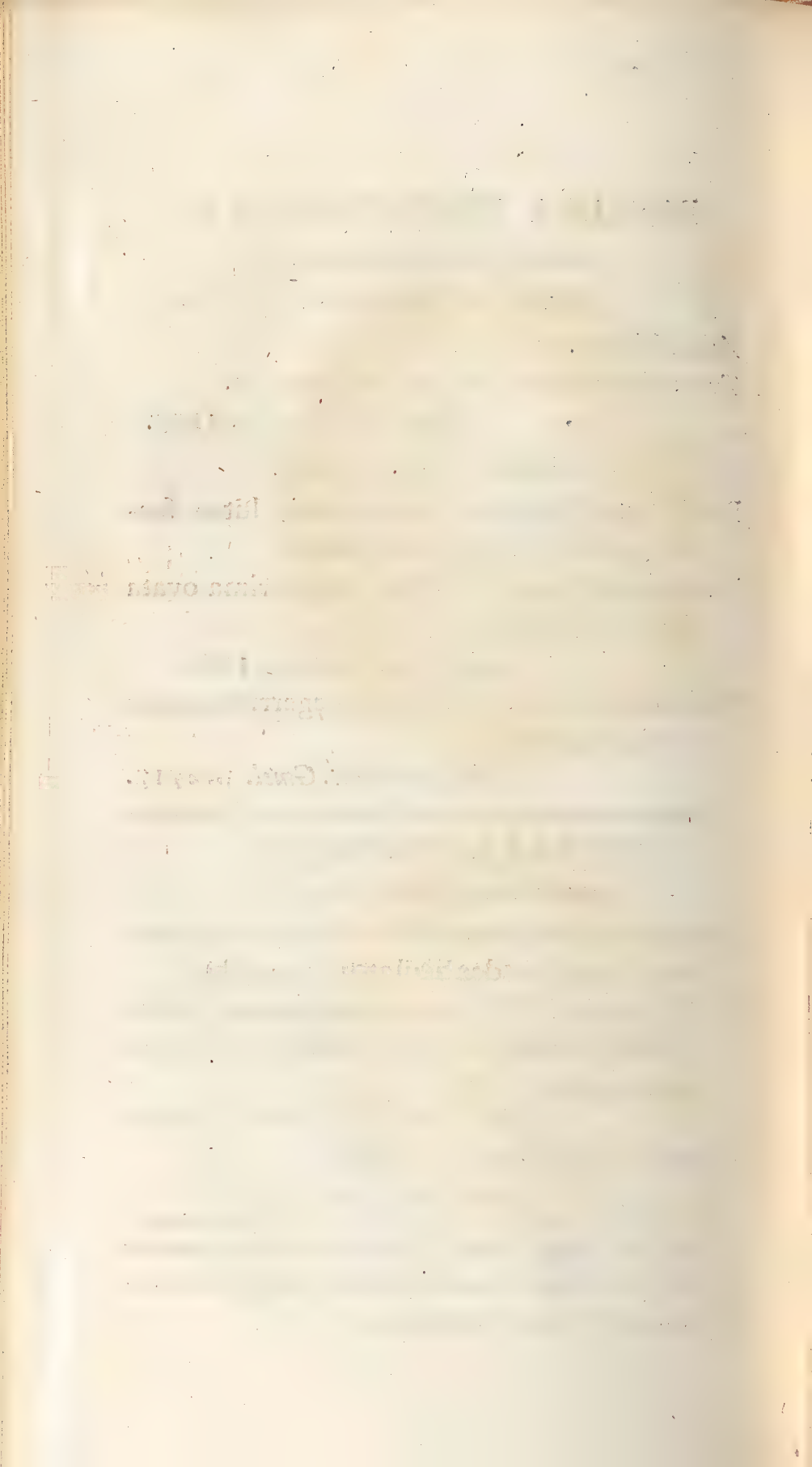
*Lin. Syst. Nat. Gmel.* p. 3708.

Espece de Patelles doubles étoilées.

*Knorr.* 3. t. 30. f. 1.

---

Inter lautissimas hujus generis species numerantur *Patella testudinaria* et *Patella plicaria*, quas ambas nutriunt maria Indica et Americana.







THE  
TORTOISE-SHELL LIMPET.

\*\*\*\*\*

GENERIC CHARACTER.

*Animal* allied to a Limax or Slug.

*Shell* univalve, subconic, without spine.

SPECIFIC CHARACTER, &c.

Limpet with perfectly entire, ovate, smooth shell, with brown and yellow variegations, and slightly silvery internal surface.

The Great Tortoise-Shell Limpet.

Bouclier de couleur d'écaille de Tortuë.

*Argenv.* pl. 2. f. p.

*Knorr.* 1. pl. 21. f. 1.

---

THE  
PLEATED LIMPET.

SPECIFIC CHARACTER, &c.

Imbricate-rayed white Limpet, clouded with brown, with toothed margin and white inside.

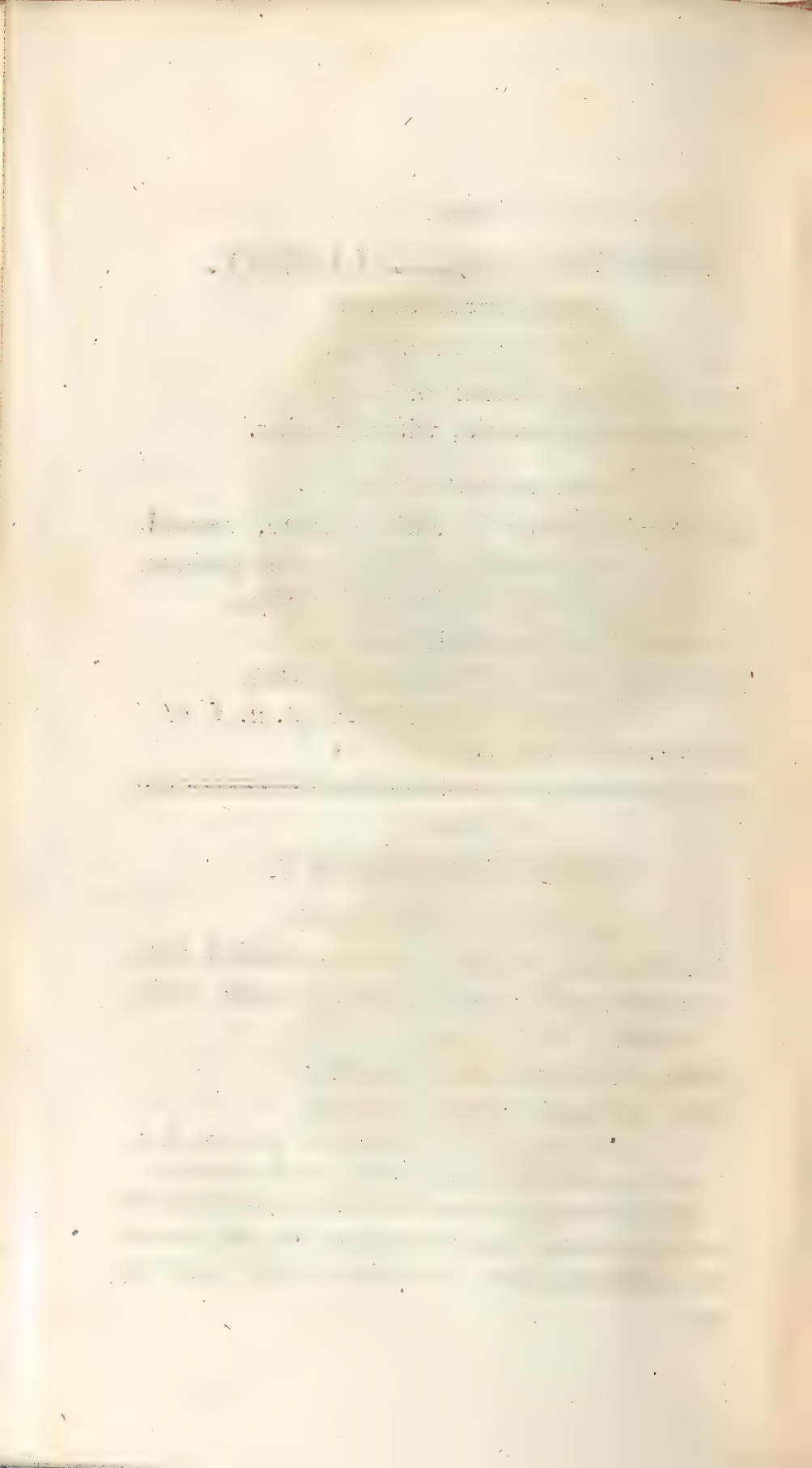
Brown and white ribbed Limpet.

Especie de Patelles double étoilées.

*Knorr.* 3. pl. 30. f. 1.

---

Among the most elegant shells of the present genus may be numbered those represented on the present plate, which are natives of the Indian and American seas.





## CAPRIMULGUS VOCIFERANS.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Rostrum* modice incurvum, minimum, subulatum, basi depressum.

*Vibrissæ* ad os serie ciliari.

*Rictus* amplissimus.

*Lingua* acuta integerrima.

### CHARACTER SPECIFICUS, &c.

*Caprimulgus vociferans*. C. griseus, lunula gulari albida, subtus ochraceus fusco lineatus, alis ferrugineis nigro nebulosis.

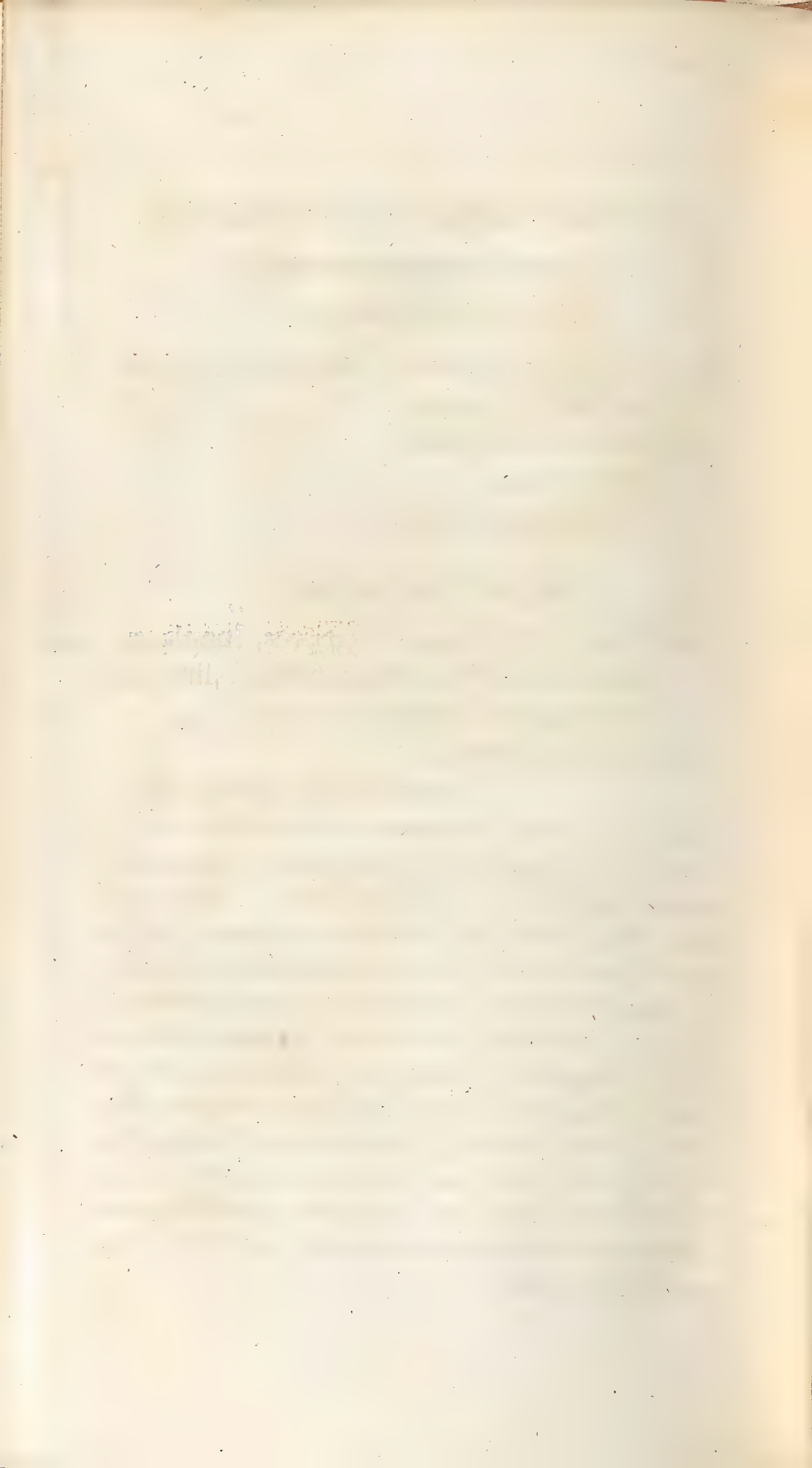
*Caprimulgus vociferus*.

*Wilson Amer. Orn.* 5. pl. 4.

---

Americæ septentrionalis plerasque regiones æstivo tempore incolit *Caprimulgus vociferans*. Hunc cum specie diversa confudisse videntur ornithologi. Vocem emittit insigniter resonam, quam montibus et sylvis percussam si audierint novi advenæ, somnos adimere dicitur nimius et insolitus cantus. Speciem accurate descripsit ingeniosus Wilsonus, a quo discimus interdum rarissime et non nisi fortuito conspici, vescique, aliorum more congenerum, phalænis majoribus, gryllis, formicis, et insectis quæ plurima reperiuntur in putridis et effoetis arboribus. Admonet porro Wilsonus feminam mari esse minorem seu brevior, coloribus paulo pallidioribus.









THE  
VOCIFEROUS GOATSUCKER.

\*\*\*\*\*

GENERIC CHARACTER.

*Bill* very small, slightly hooked, depressed at the base, and ciliated with bristles.

*Gape* very wide.

*Tongue* entire, and sharp-pointed.

SPECIFIC CHARACTER, &c.

Grey Goatsucker, with whitish gular crescent, beneath ochre-coloured with brown lineations, and ferruginous wings clouded with black.

*Caprimulgus vociferus*, or Whip-Poor-Will.

*Wilson Amer. Zool.* 5. pl. 4.

---

The present bird, hitherto confounded by ornithologists with a different species, is an inhabitant, during the summer months, of most of the United States of North America, and is remarkable for the loudness of its notes, which, echoing from the woods and mountains, are said to prevent those from sleeping who have not been accustomed to the sound. The ingenious Mr. Wilson, in his work entitled *American Ornithology*, has accurately described this species, and observes, that it is never seen in the day-time, except in particular circumstances; and that its food, like that of the rest of this genus, consists of large moths, grasshoppers and ants, as well as of other insects frequenting old and decaying trees. Mr. Wilson adds, that the female is rather smaller or shorter than the male, and of somewhat paler colours.



# SCARABÆUS FULLO.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Antennæ* clavatæ capitulo fissili.

*Tibiæ* anticæ sæpius dentatæ.

*Lin. Syst. Nat.*

## CHARACTER SPECIFICUS, &c.

Scarabæus fusco-castaneus, subtus albidus, elytris maculis punctisque irregularibus albis.

Scarabæus Fullo. S. scutellatus muticus, antennis heptaphyllis, corpore nigro pilis albis, scutello macula duplici alba.

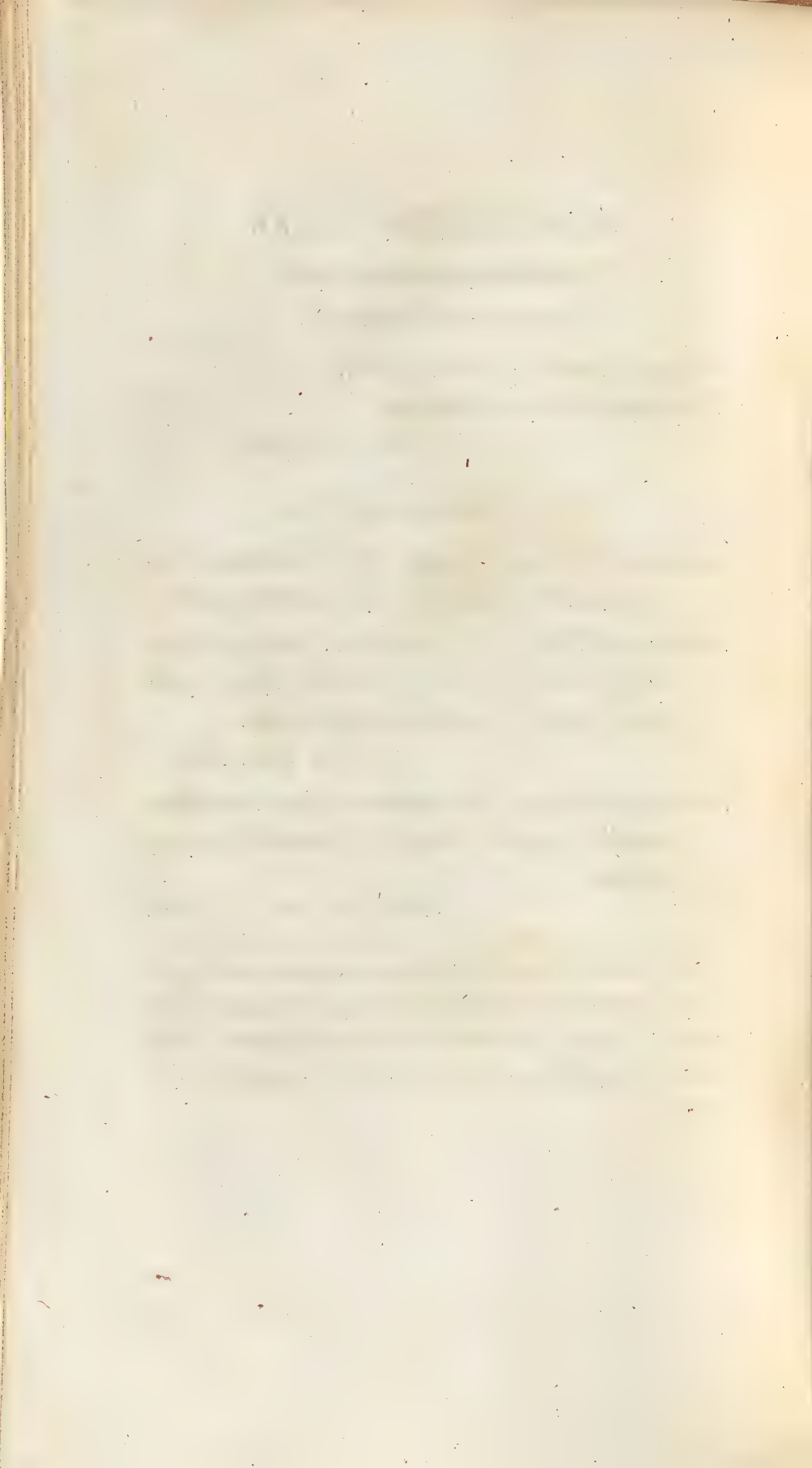
*Lin. Syst. Nat.*

Melolontha Fullo. M. testacea albo maculata, scutello macula duplici, antennis heptaphyllis.

*Fab. spec. ins. 1. p. 35.*

---

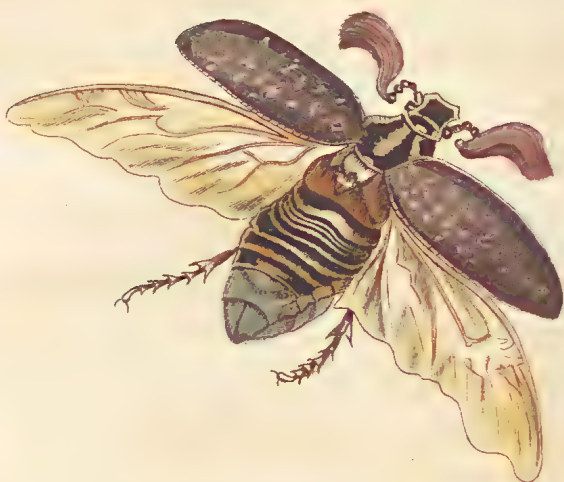
Varias Europæ partes, quibus modica est coeli tem-  
peries, frequentat Scarabæus Fullo, in Britannia raris-  
simus. Tabula ostendit veram magnitudinem. Mas  
a femina dignoscitur antennis lamellatis multo mayo-  
ribus.







1054



27-1 From Del Rio!

THE  
FULLER BEETLE.

\*\*\*\*\*

GENERIC CHARACTER.

*Antennæ* clavated with a fissile or laminated tip.

*Middle joints* of the fore-legs toothed.

SPECIFIC CHARACTER, &c.

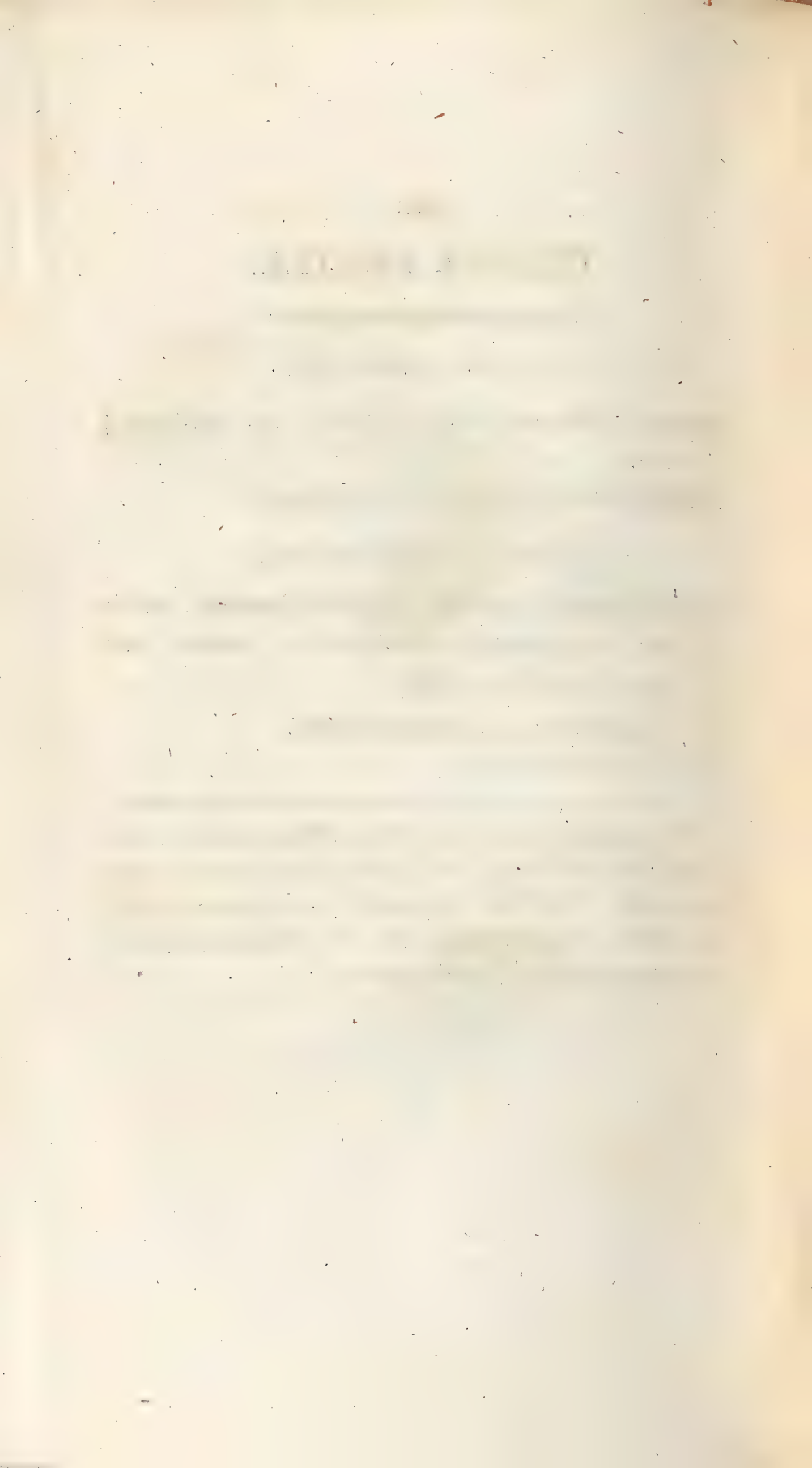
Chesnut-brown Beetle, whitish beneath, with the wing-sheaths irregularly varied and speckled with white.

The Great Dor, or Fuller Beetle.

The Marbled Beetle.

---

This elegant insect is a native of many of the temperate parts of Europe, but is very rarely seen in our own island. The plate represents it in its natural size. The male is distinguished from the female by the far larger size of its laminated antennæ.



# GORGONIA LEPADIFERA.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Animal* crescens plantæ facie.

*Hydræ* sparsæ e poris lateralibus.

*Stirps* radicata, cornea, continua, ramosa, basi explanata, cortice obducta.

## CHARACTER SPECIFICUS, &c.

*Gorgonia dichotoma*, floribus confertis campanulatis squamosis albis.

*Gorgonia dichotoma*, floribus sparsis confertis reflexis companulatis imbricatis.

*Lin. Syst. Nat. Gmel.*

*Müll. Zool. Dan.*

*Gorgonia dichotoma*, osculis confertis reflexis campanulatis imbricatis, carne squamulis albis obducta, osse in ramulis majoribus testaceo, in minoribus corneo.

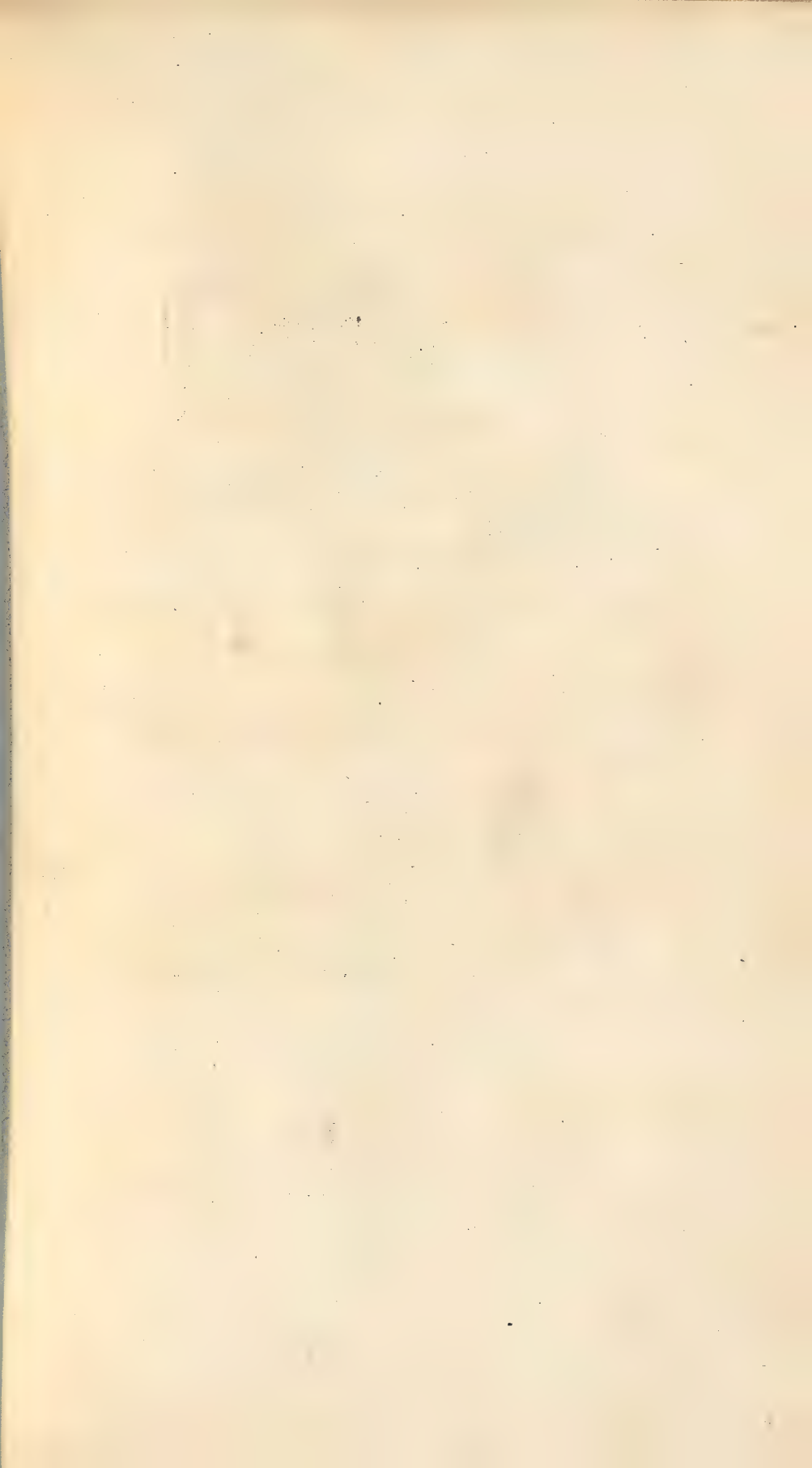
*Soland. et Ellis Zooph. p. 84.*

t. 13. f. 1. 2.

---

Super rupes maris Norvegici præcipue conspicitur *Gorgonia lepadifera*, altitudine interdum pedali vel etiam bipedali.







*Lycomorpha pubescens* L. sp. n. 1850

THE  
BARNACLE-BEARING  
GORGONIA.

\*\*\*\*\*

GENERIC CHARACTER.

*Animal* growing with the habit of a Plant.

*Polypes* scattered from the lateral pores.

*Stem* fixed, horny, branched, covered with a soft bark.

SPECIFIC CHARACTER, &c.

Dichotomous Gorgonia, with crowded bell-shaped scaly heads or flowers.

The Barnacle-bearing Gorgon.

*Soland. et Ellis Zooph.* p. 84.

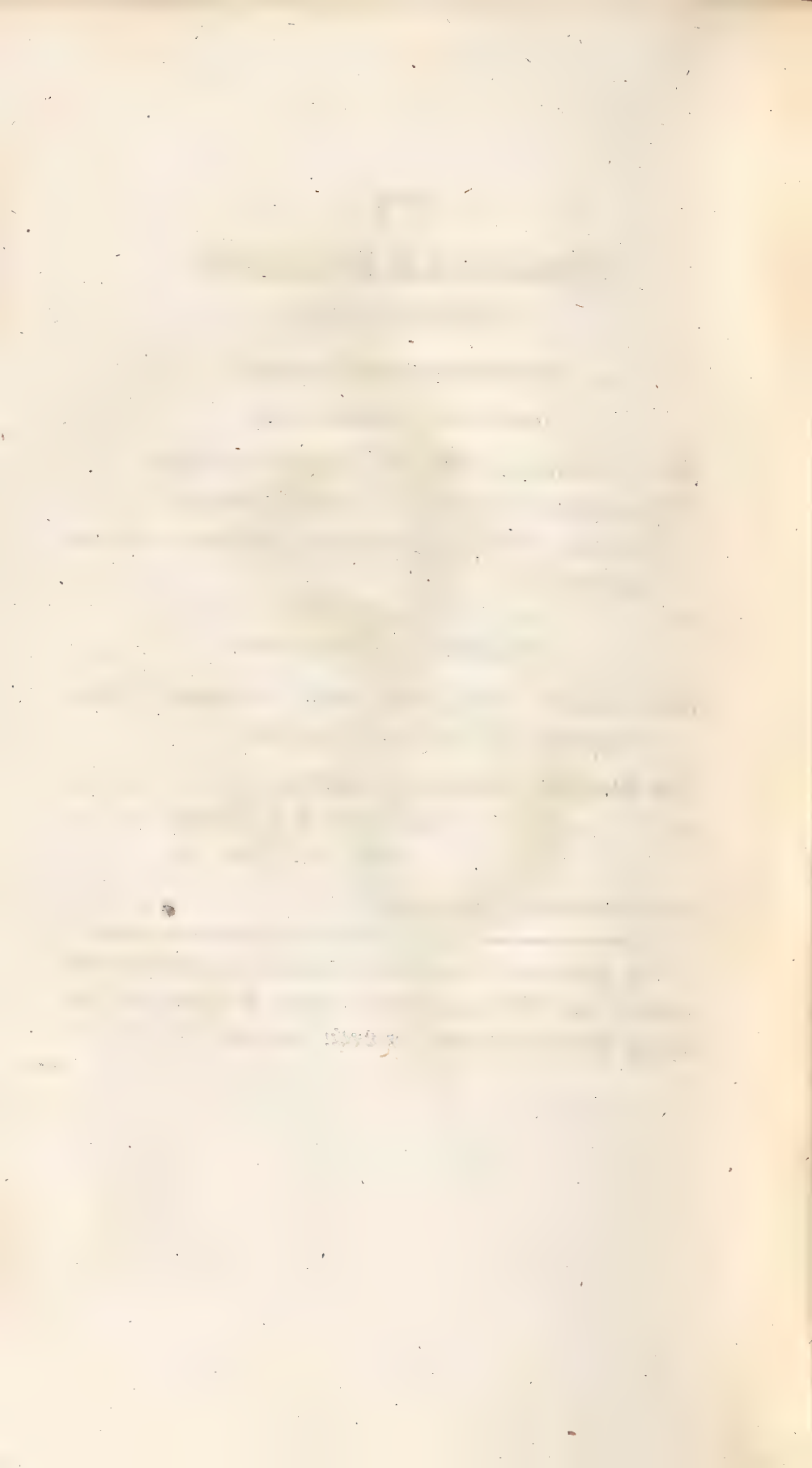
pl. 13. f. 1. 2.

Scaly-flowered Gorgonia.

---

This species of Gorgonia is principally seen on the rocks of the Norwegian sea, where it grows to the height of twelve inches, or even two feet.





## KURTUS INDICUS.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Corpus* latum, utrinque carinatum, dorso elevato.

*Membr, branch.* radiis duobus.

*Gen. Zool.* 4. p. 185.

### CHARACTER SPECIFICUS, &c.

Kurtus Indicus. K. argenteus, dorso aureo.

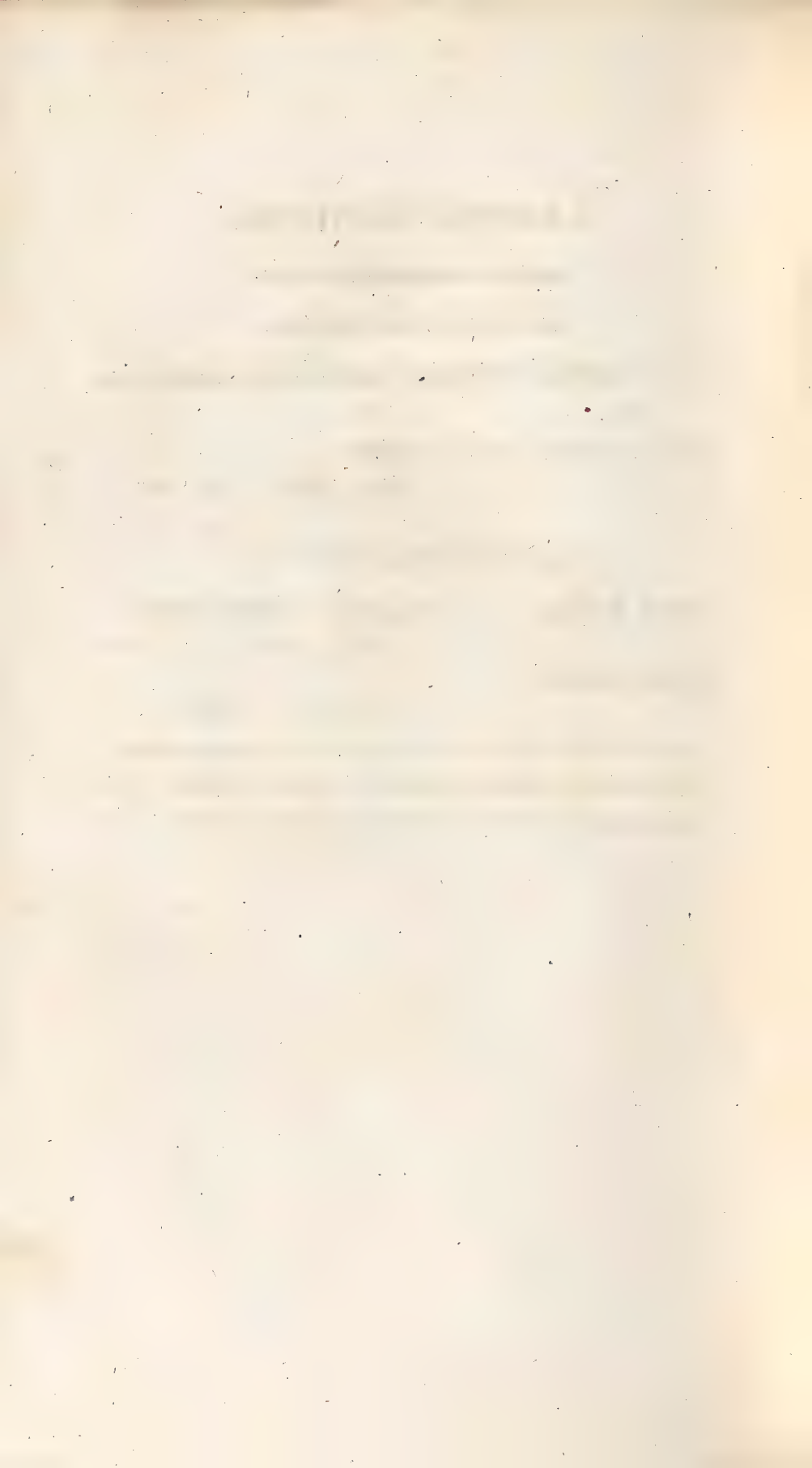
*Gen. Zool.* 4. p. 185.

Kurtus Indicus.

*Bloch.* t. 169.

---

Maria incolit Indica piscis in tabula depictus, et in longitudinem pedalem vel sesquipedalem crescit.







1086

THE  
INDIAN KURTUS.

\*\*\*\*\*

GENERIC CHARACTER.

*Body* broad, carinated both above and below,  
with greatly elevated back.

*Gill-membrane* two-rayed.

*Gen. Zool.* 4. p. 185.

SPECIFIC CHARACTER, &c.

Silvery Kurtus, with gold-coloured back.

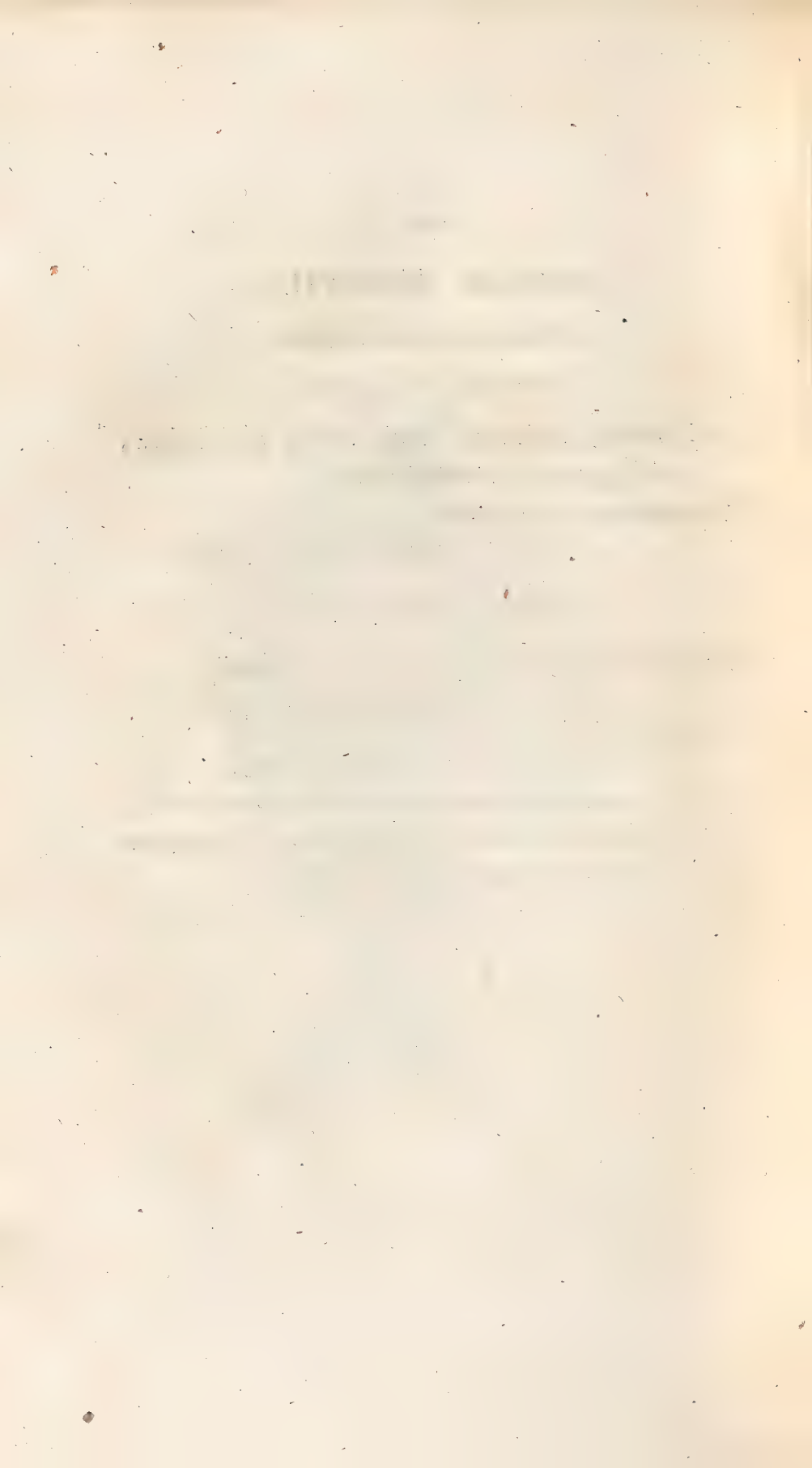
*Gen. Zool.* 4. p. 185.

Der Hochrücken.

*Bloch.* pl. 169.

---

This fish is a native of the Indian seas, and measures  
from a foot to eighteen inches in length.



## APTERYX AUSTRALIS.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Rostrum* longum, gracile, rectiusculum, basi  
cera tectum, sulco tubulato laterali utrin-  
que exaratum, apice subtumido subin-  
curvo.

*Nares?* lineares, inconspicuæ, prope apicem  
rostri, ad finem sulci tubulati.

*Alæ* rudimenta tantum, monodactyla, subun-  
cialia, unguiculo terminali.

*Pedes* compedes, breves, validi, gallinacei, te-  
tradactyli, digito postico subinteriore, bre-  
vissimo.

*Cauda* nulla.

### CHARACTER SPECIFICUS.

*Apteryx* griseo-ferruginea, rostro pedibusque  
fusco-flavescentibus.

---

Novum omnino genus in tabula depingitur, nec ad  
ordinem aliquem ornithologicum, quem novimus,  
facile referendum. Nullis certe similis est quam  
*Struthionibus* et *Gallinis*; rostrum tamen ab iis diver-  
sum alium vivendi modum indicat. Prope accedit  
hæc avis ad anseris magnitudinem; longaque est ab  
apice rostri ad extremum corporis quasi duos pedes  
cum semisse. Rostrum ipsum, si ab angulis oris me-  
tis ad extremitatem mandibulæ superioris, sex uncias



et tres quadrantes æquat : si ab initio frontis fiat mensura, quinque uncias et tres quadrantes. Habitu seu facie generali ad *Pinguinarias* quodammodo accedit, vestitu *Casuarium australem* magnopere refert. Caput parvum. Collum modicum. Crura, non aliter quam in *Pinguinariis* sita, brevia et valida, sex uncias a genu ad extremum unguis medii sunt longa. Pedes digitis tribus anticis instruuntur, unicoque brevissimo subinferiore postico ; quorum omnes ungue muniuntur valido et acuto, fere unciali illo qui digiti est medii. Tota pedum conformatio gallinacea est. Nullum est caudæ vestigium ; et alarum loco (si fraus absit, nullam enim detegere possum) parvulus utrinque est articulus quasi uncialis, subtus plumis rarissimis marginatus, cujus apex unguem gerit parvulum et subacutum vix quadrante unciae longiorem. Tota avis ferrugineo-pallet, pennarum omnium marginibus obscurioribus, quo fit ut fusco commistæ videantur ; quæque elongatæ sunt et acuminatæ. Rostrum pedesque fusco-flavescent ; rostrum tamen pallidius.

In Nova Zelandia generatur hæc avis, cujus ab australi ora specimen quod depiximus in Angliam intulit Dominus Barclay, navis *Providentiæ* dux, et suadente amicissimo Domino Evans, mihi ipsi perhumaniter donavit.

In tabula secunda depinguntur rostrum, ala, pes, penna, juxta naturalem magnitudinem.





THE  
SOUTHERN APTERYX.

\*\*\*\*\*

GENERIC CHARACTER.

*Bill* long, slender, nearly strait, covered at the base by a cere, marked on each side by a tubular furrow, slightly swelled and bent at the tip.

*Nostrils?* linear, inconspicuous, near the tip of the bill, at the end of the tubular furrow.

*Wings* rudiments only, consisting of a single joint or finger, about an inch in length, and terminated by a small claw or spur.

*Feet* comped, short, strong, gallinaceous, and tetradactyle; the hinder or subinterior toe very short.

*Tail* none.

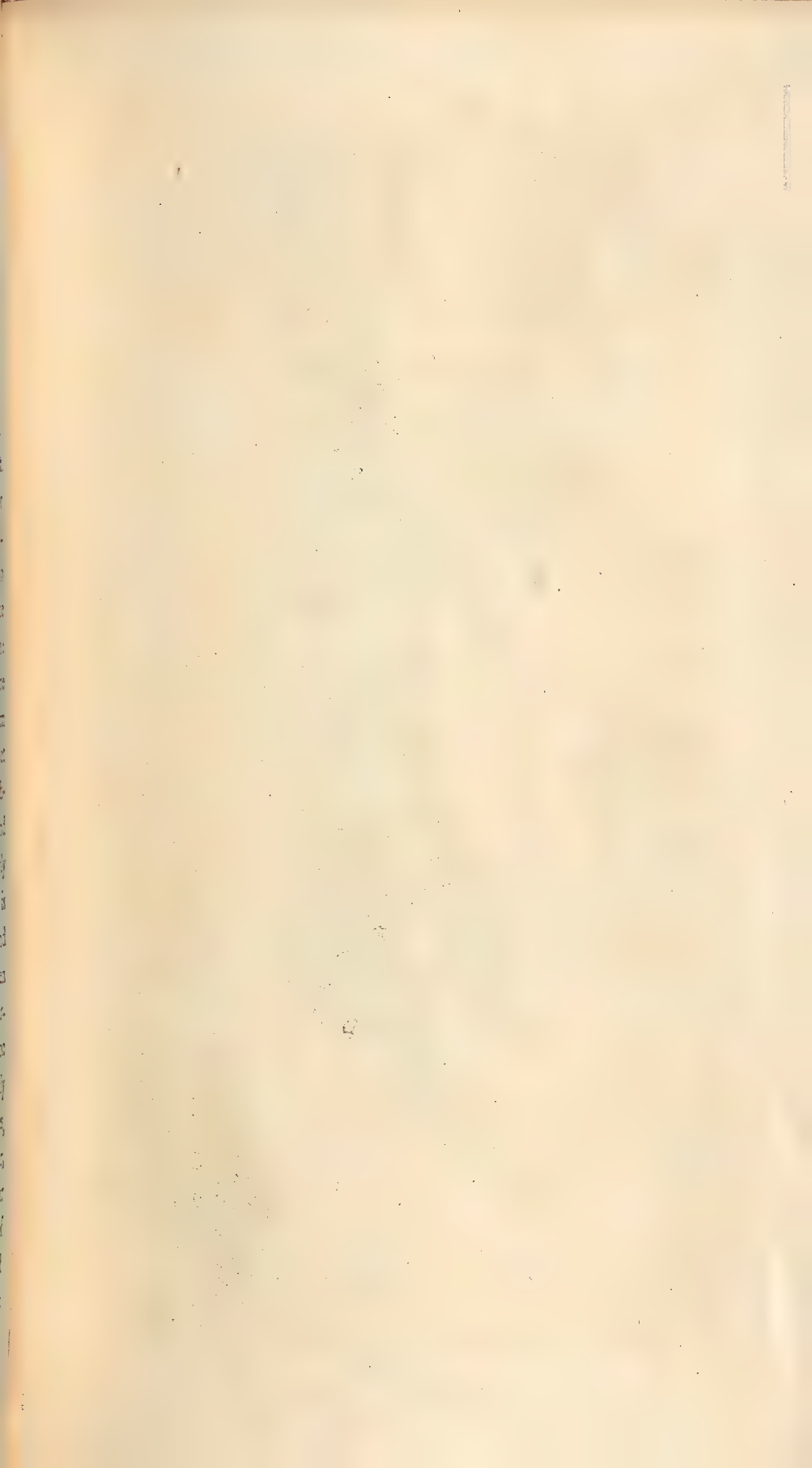
SPECIFIC CHARACTER.

Ferruginous - grey Apteryx, with yellowish brown bill and legs.

---

The bird represented on the present plate constitutes a perfectly new genus, which it is not easy to refer to any of the established ornithological orders. It seems however to approach more nearly to the Struthious and the Gallinaceous tribes than to any other, though the very different form of the beak implies a

different manner of life. The size of this bird is nearly that of a goose, and its length, from the tip of the bill to the extremity of the body, about two feet and a half. The bill, if measured from the corners of the mouth to the tip of the upper mandible, is about six inches and three quarters in length; but if measured from the beginning of the forehead to the tip, about five inches and three quarters. The general habit or appearance of the bird approaches to that of the Penguins; while the plumage bears a strong alliance to that of the brown or New Holland Cassowary. The head is rather small, and the neck of moderate length: the legs, which are situated as in the Penguins, are short and strong, measuring about six inches from the knee to the extremity of the middle claw: the feet have three toes in front, and a very short hind or sub-interior toe; and all are furnished with very strong and sharp claws; that of the middle toe measuring nearly an inch in length. The whole structure of the feet is gallinaceous. There is no appearance of a tail, and in place of wings (unless any art of deception has been practised, of which I cannot discover the least appearance), can only be perceived a small single joint on each side, measuring about an inch in length, slightly fringed on its lower edge by a few straggling plumes, and terminated by a small and sharpish claw or spur, scarcely a quarter of an inch in length. The colour of the whole bird is pale ferruginous, the edges of the feathers, which on all parts are of a lengthened and pointed shape, being of a more dusky cast, and thus giving the appearance of a mixture of brown in the



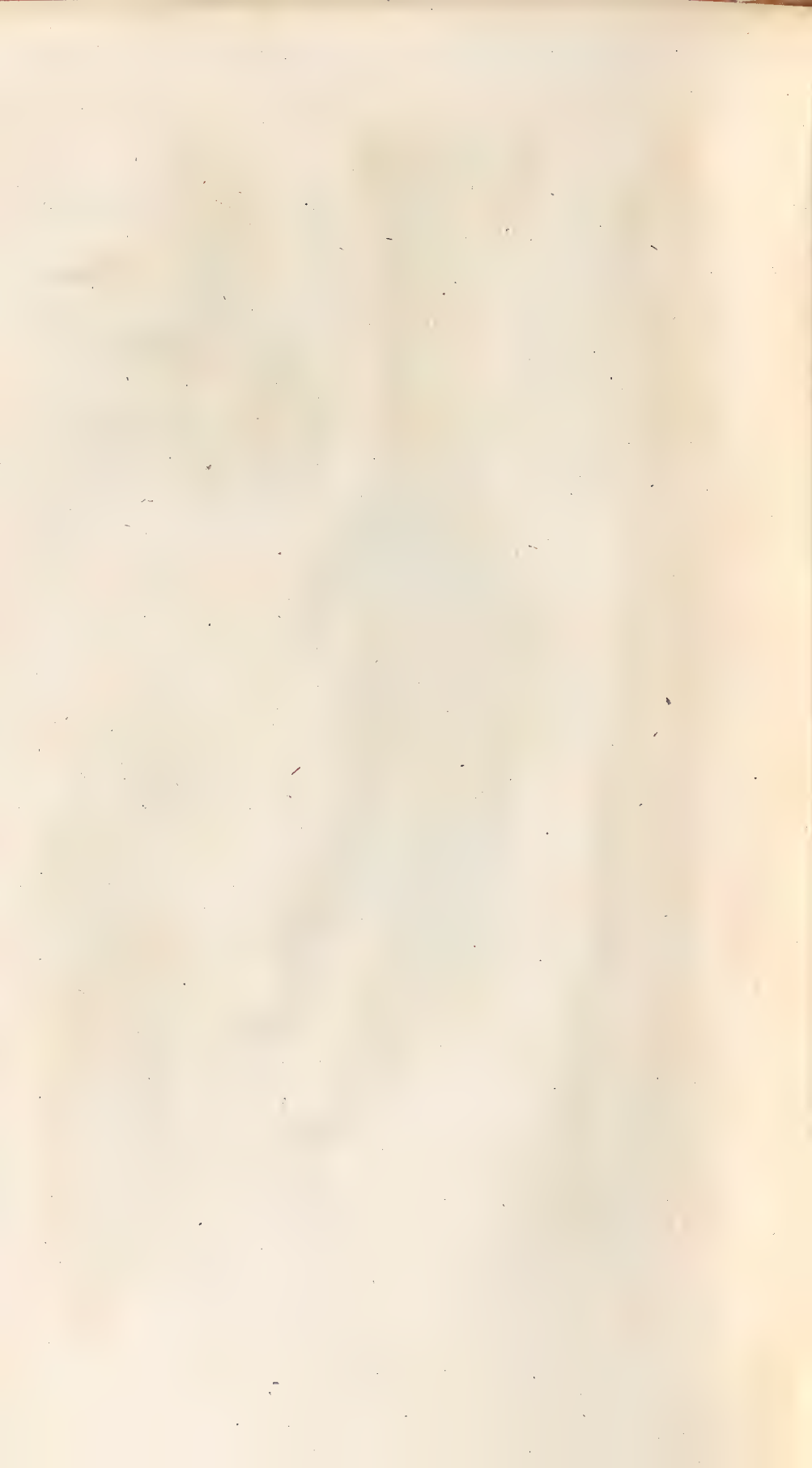




plumage. The bill and legs are of a yellowish-brown colour, the bill rather paler than the legs.

This curious bird is a native of New Zealand, from the south coast of which it was brought by Captain Barclay of the *Providence*, by whom, through the kind interposition of my friend W. Evans, Esq. it was presented to myself. The second plate represents, in their natural size, the bill, wing, leg, and a feather of this bird.





# SPHINX CHIONANTHI.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Antennæ* medio crassiores, seu utraque extremitate attenuatæ, subprismaticæ.

*Alæ* deflexæ, (volatu graviore vespertino seu matutino).

## CHARACTER SPECIFICUS, &c.

Sphinx grisea fusco varia, alis anticis puncto centrali albo, corpore utrinque maculis tribus fulvis nigro cinctis.

Sphinx Chionanthi. S. alis integerrimis margine postico albo punctatis; primoribus strigis duabus undulatis punctoque albis, abdomine ocellis trium parium fulvis.

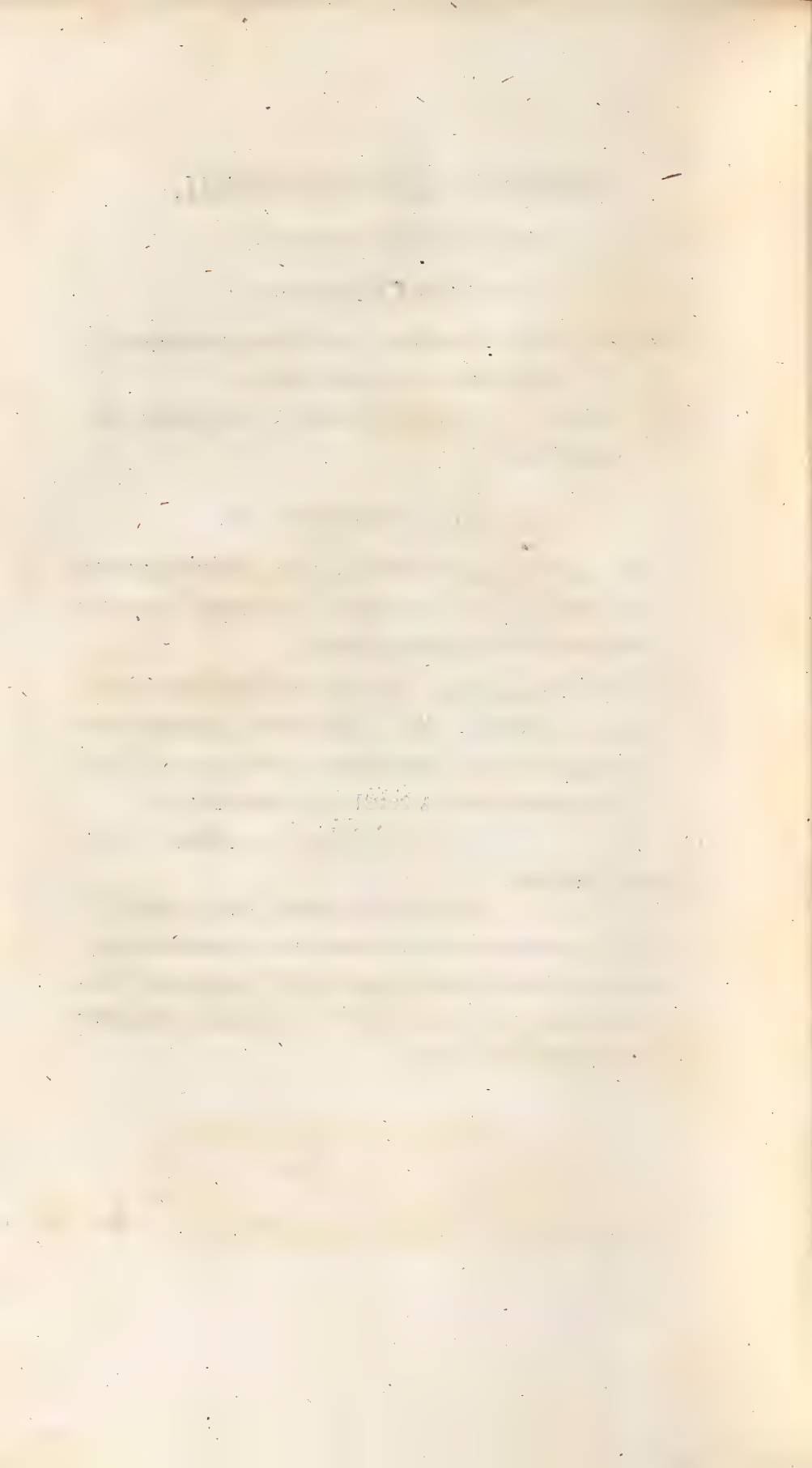
*Smith. Abbot. ins. Amer. t. 34.*

Sphinx rustica.

*Fabr. ent. emend. 4. p. 366.*

---

Varias regiones Americanas incolit insectum in tabula depictum. Larva ejus folia Chionanthi Virginicæ folia præcipue depascitur.





1059



Drawn & engraved by J. P. V. de Meijer

THE  
FRINGE-TREE SPHINX.

\*\*\*\*\*

GENERIC CHARACTER.

*Antennæ* thickest in the middle, subprismatic, and attenuated at each extremity.

*Wings* deflected. (Flight strong, and commonly in the evening or morning).

SPECIFIC CHARACTER, &c.

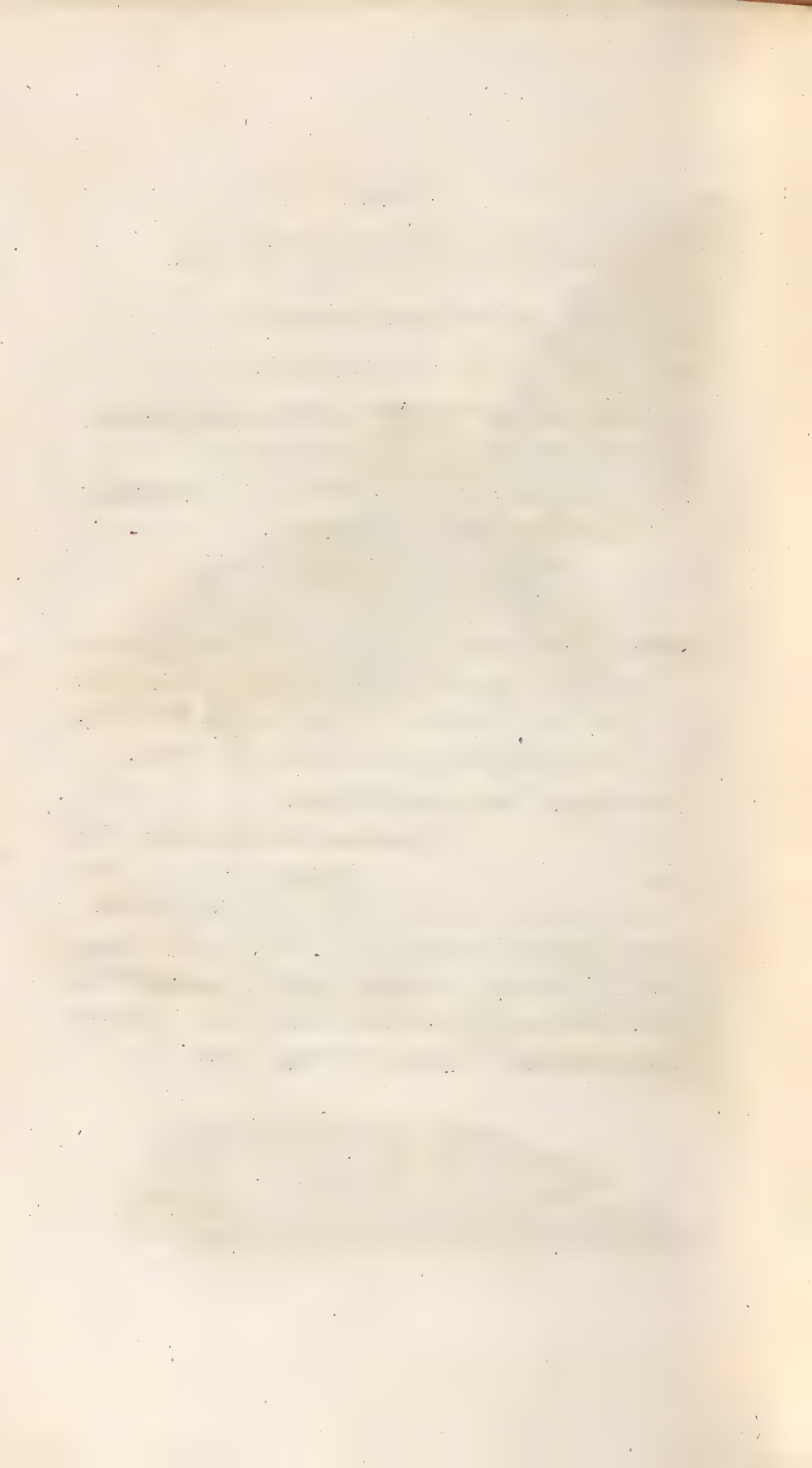
Grey Sphinx, with dusky variegations, a white central spot on the upper wings, and the body marked on each side by three orange-yellow spots edged with black.

The Fringe-Tree Hawk-Moth.

*Smith and Abbot's Amer. Ins.*  
pl. 34.

---

The Sphinx *Chionanthi* or Fringe-Tree Hawk-Moth, is a native of several parts of America. The larva is observed to feed principally on the leaves of the *Chionanthus Virginica* or Fringe-Tree.



## BUPRESTIS CHRYSIS.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Antennæ* setaceæ, subserratæ.

*Caput* dimidium intra thoracem retractum.

*Corpus* crassum, postice subacuminatum.

### CHARACTER SPECIFICUS, &c.

*Buprestis* aureo-viridis nitidissima, thorace punctis numerosis impressis, sterno porrecto, elytris castaneis.

*Buprestis* Chrysis. *B.* elytris serrato-tridentatis castaneis, sterno conico porrecto.

*Fabr. sp. ins.* p. 275.

---

Confundi non raro solet elegans hæc species cum *Buprestide sternicorni*, seu aureo-viridi; a qua tamen insigniter discrepat, non modo majori mole, verum etiam colore elytrorum, non aureo-viridium, sed e castaneo læte rubentium. Tabula ostendit veram insecti magnitudinem. In India generatur *Buprestis* Chrysis.

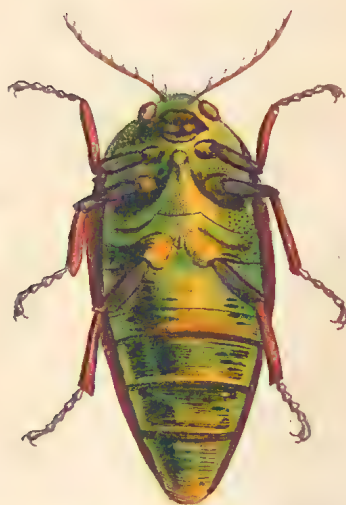
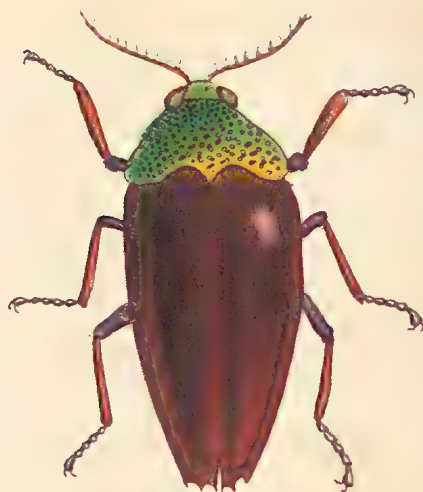


There is a great deal of talk about the

the new book

the new book





THE  
CHESNUT-SHELLED INDIAN  
BUPRESTIS.

\*\*\*\*\*

GENERIC CHARACTER.

*Antennæ* setaceous, slightly serrated.

*Head* half withdrawn beneath the thorax.

*Body* thick, slightly pointed behind.

SPECIFIC CHARACTER, &c.

Brilliant gold-green *Buprestis*, with the thorax marked by numerous impressed points, porrected sternum, and chesnut wing-sheaths.

Chesnut-shelled Green-gold *Buprestis*.

---

The present most elegant species has sometimes been confounded with the *Buprestis sternicornis* or smaller green-gold *Buprestis*, from which however it strikingly differs, not only in superior size, but also in the colour of the elytra or wing-sheaths, which in the present insect are of a beautiful reddish chesnut instead of gold-green. It is a native of India, and is represented in its natural size.



## PSITTACUS SQUAMOSUS.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Rostrum* aduncum, mandibula superiore mobili,  
plerisque cera instructa.

*Nares* in rostri basi.

*Lingua* plerisque carnosae, obtusa, integra.

*Pedes* scansorii.

### CHARACTER SPECIFICUS, &c.

*Psittacus macrourus viridis*, humeris coccineis,  
abdomine uropygioque rubropurpureis,  
pectore squamatim variato.

*Psittacus squamosus*. *P. macrourus viridis*,  
capite collo pectoreque marginibus pen-  
narum aurantiis, humeris coccineis, uropygio  
abdomineque medio sanguineis.

*Lath. ind. orn.*

---

De Surinamia, (ibi enim generatur elegans hæc species) specimen quod depinximus in Britanniam intulit Dominus Sack, et nobiscum perhumaniter communicavit. Miro superbiebat plumarum nitore et varietate.









From Engraving published by [illegible]

THE  
SCALY-BREASTED PARRAKEET.

\*\*\*\*\*

GENERIC CHARACTER.

*Bill* hooked, with the upper mandible moveable, and generally furnished with a cere.

*Nostrils* in the base of the bill.

*Tongue*, in most species, fleshy, obtuse, entire.

*Feet* scansorial.

SPECIFIC CHARACTER, &c.

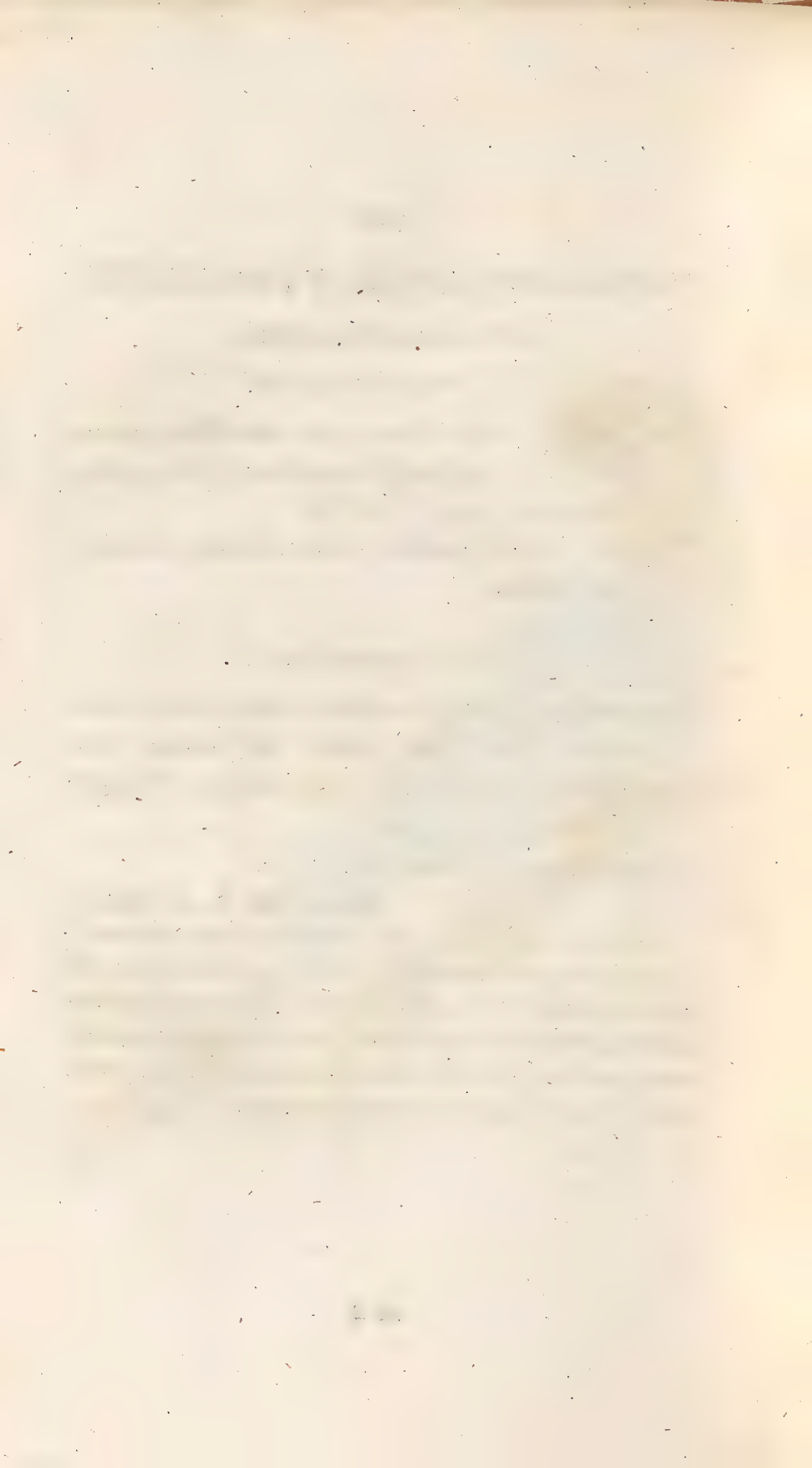
Long-tailed green Parrakeet, with scarlet shoulders, purple-red belly and rump, and breast marked by scale-shaped variegations.

Wave-Breasted Parrakeet. *Var.*

*Gen. Zool.* 8. p. 405.

---

This elegant species is a native of Surinam: the specimen figured on the present plate, exhibited a greater richness and variety of plumage than is usually seen, and was brought from Surinam by Baron Sack, by whom it was politely communicated.



# TESTUDO SERPENTINA.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Corpus* caudatum, lorica ossea aut coriacea superne et inferne, vel squamis superne obtectum.

*Oris* mandibula superiore inferiorem pyxidum instar claudens.

## CHARACTER SPECIFICUS, &c.

Testudo serpentina. T. testa ovali depressa, trifariam convexa, squamis acuminatis, margine postico rotundato acute serrato.

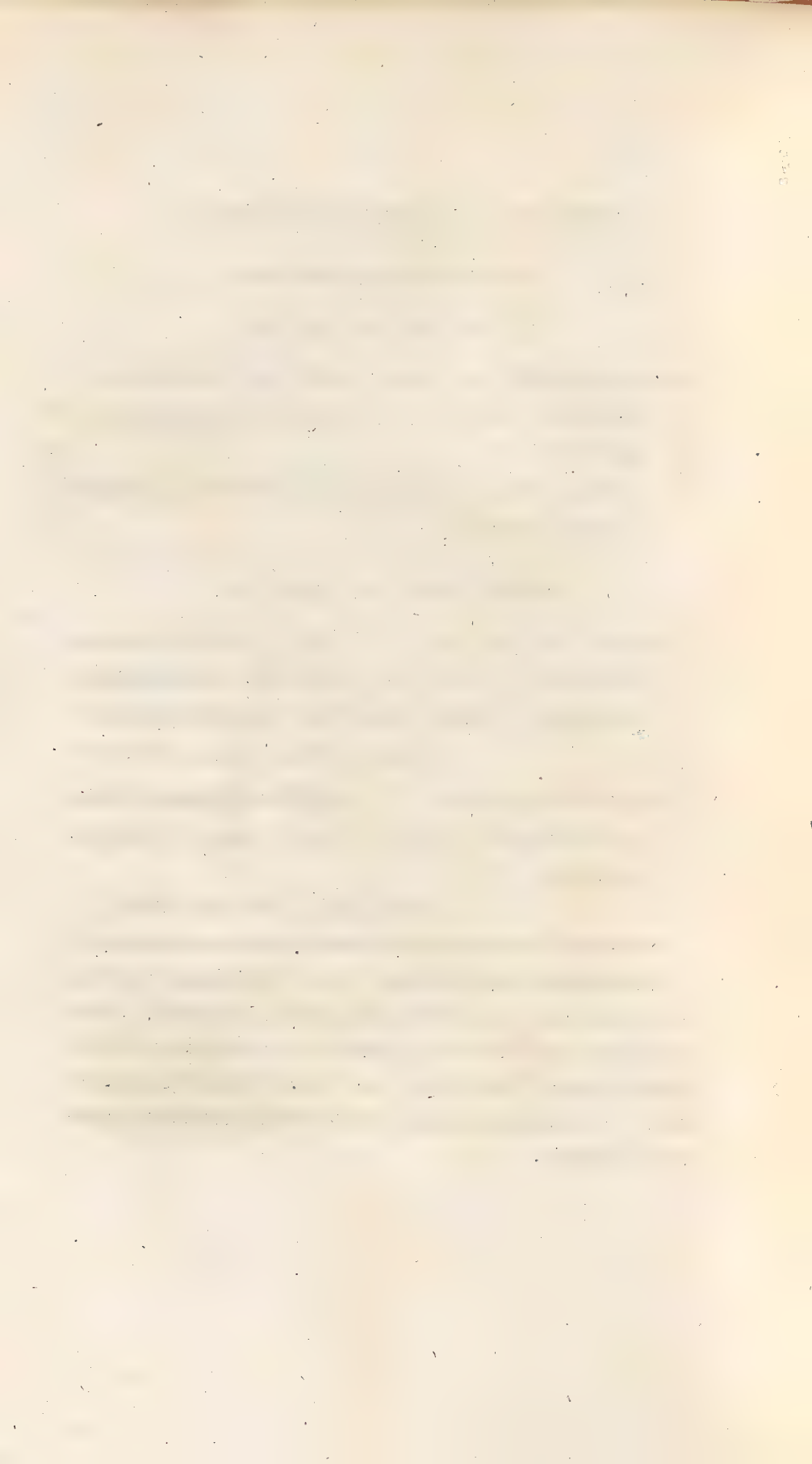
*Schoepf. Test. p. 28. t. 6.*

Testudo serpentina. T. pedibus digitatis, testa subcarinata, postice obtusa, acute quinque-dentata.

*Lin. Syst. Nat. p. 354.*

---

Testudinem serpentinam alunt plurimæ regiones Americæ tam septentrionalis quam australis, aquas stagnantes incolentem, pisces et animalia aquatica prædantem; libras viginti vel plures pondere æquantem. Color generalis est sordide fusco-castaneus, sub-tus pallidior.









THE  
SNAKE TORTOISE.

\*\*\*\*\*

GENERIC CHARACTER.

*Body* defended by a bony covering coated by a  
horny, scaly, or coriaceous integument.

*Mouth* without distinct or proper teeth; the  
upper mandible closing over the lower.

SPECIFIC CHARACTER, &c.

Tortoise with ovate, depressed, triply cari-  
nated, sharp-scaled shell, rounded and  
acutely serrated at the posterior margin.

Snake Tortoise.

*Gen. Zool.* 3. p. 72.

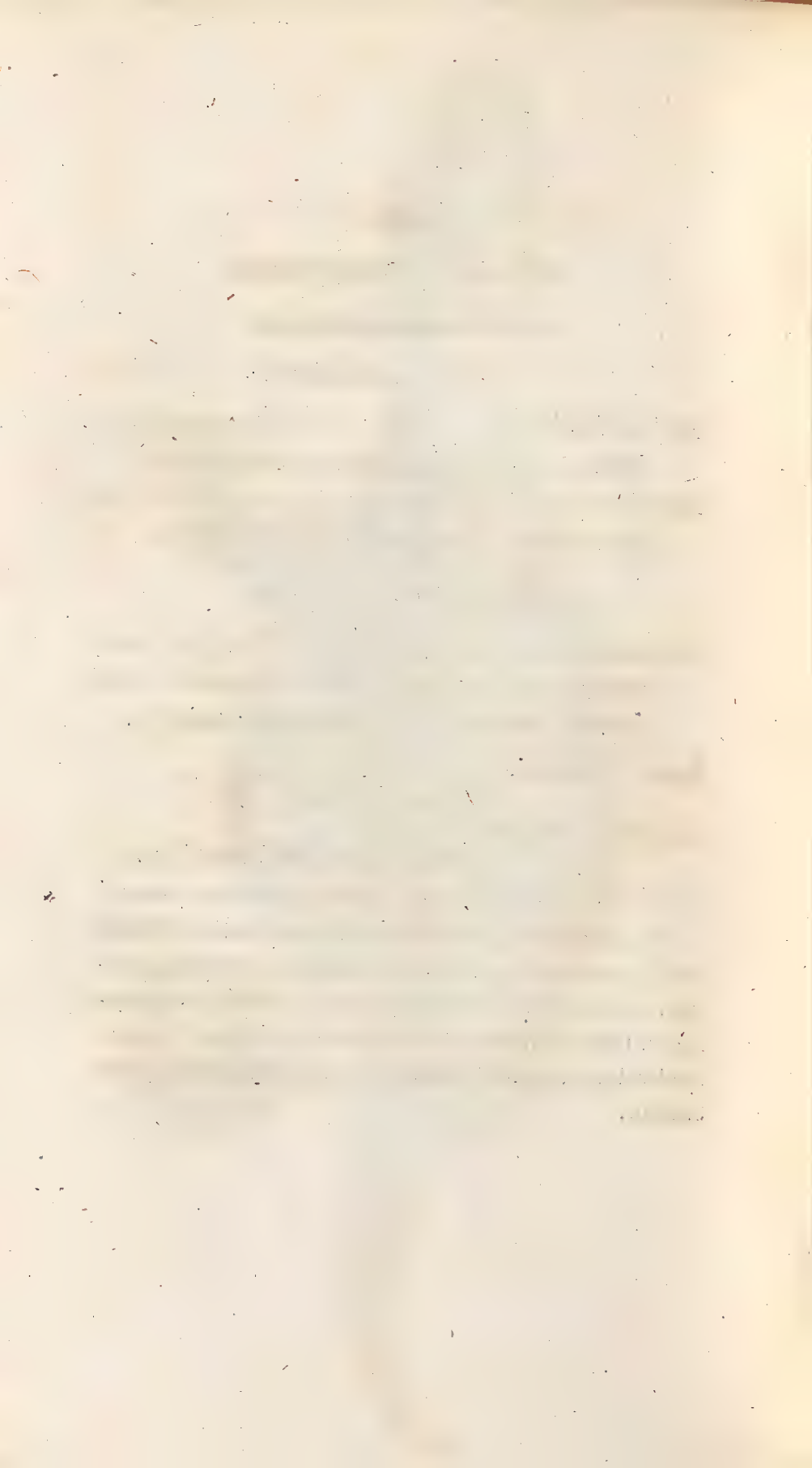
Serrated Tortoise.

*Penn. Arct. Zool. suppl.* p. 97.

---

This species is a native of many parts both of North  
and South America, inhabiting stagnant waters, grow-  
ing to the weight of twenty pounds or more, and prey-  
ing on fish and various other aquatic animals. Its ge-  
neral colour is a dull chesnut brown, lighter or paler  
beneath.





# LACERTA BICARINATA.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Corpus* tetrapodum, elongatum, caudatum, nudum.

## CHARACTER SPECIFICUS, &c.

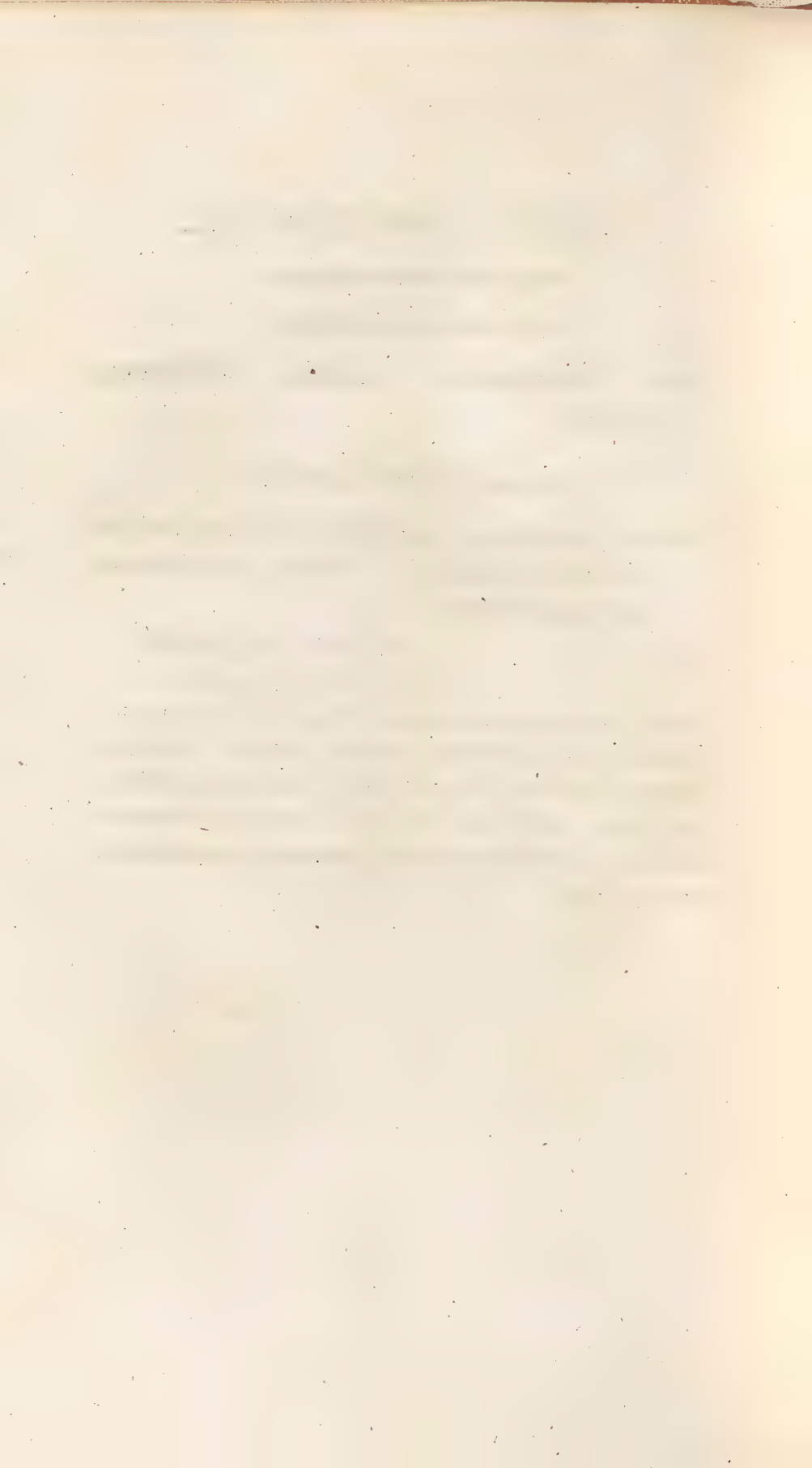
*Lacerta bicarinata.* L. cauda compressa, supra bicarinata mediocri, dorso quadrifariam carinato-striata.

*Lin. Syst. Nat.* p. 361.

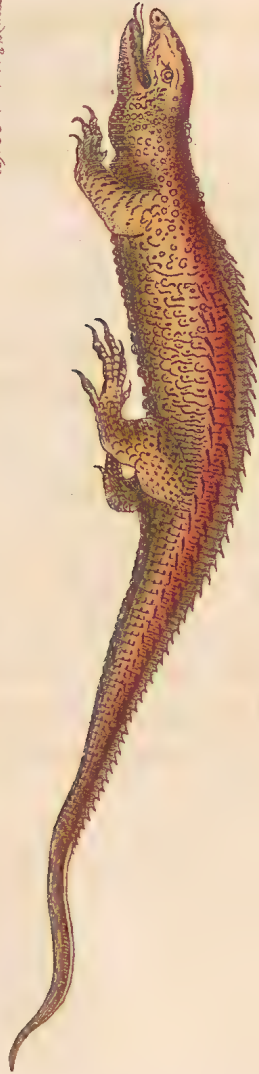
*Gen. Zool.* 3. p. 212.

---

Lacertam bicarinatam primus accurate depinxisse videtur Comes de Cepede in opere suo de Amphibiis; qui tamen male eam retulit ad lacertam *Dracenam* Linnæi. In America australi generatur, sesquipedalis, seu bipedalis.







*Spinosaurus* Reichenow by R. P. Allen

THE  
BICARINATED LIZARD.

\*\*\*\*\*

GENERIC CHARACTER.

*Body* four-footed, elongated, tailed ; without  
any secondary integument.

SPECIFIC CHARACTER, &c.

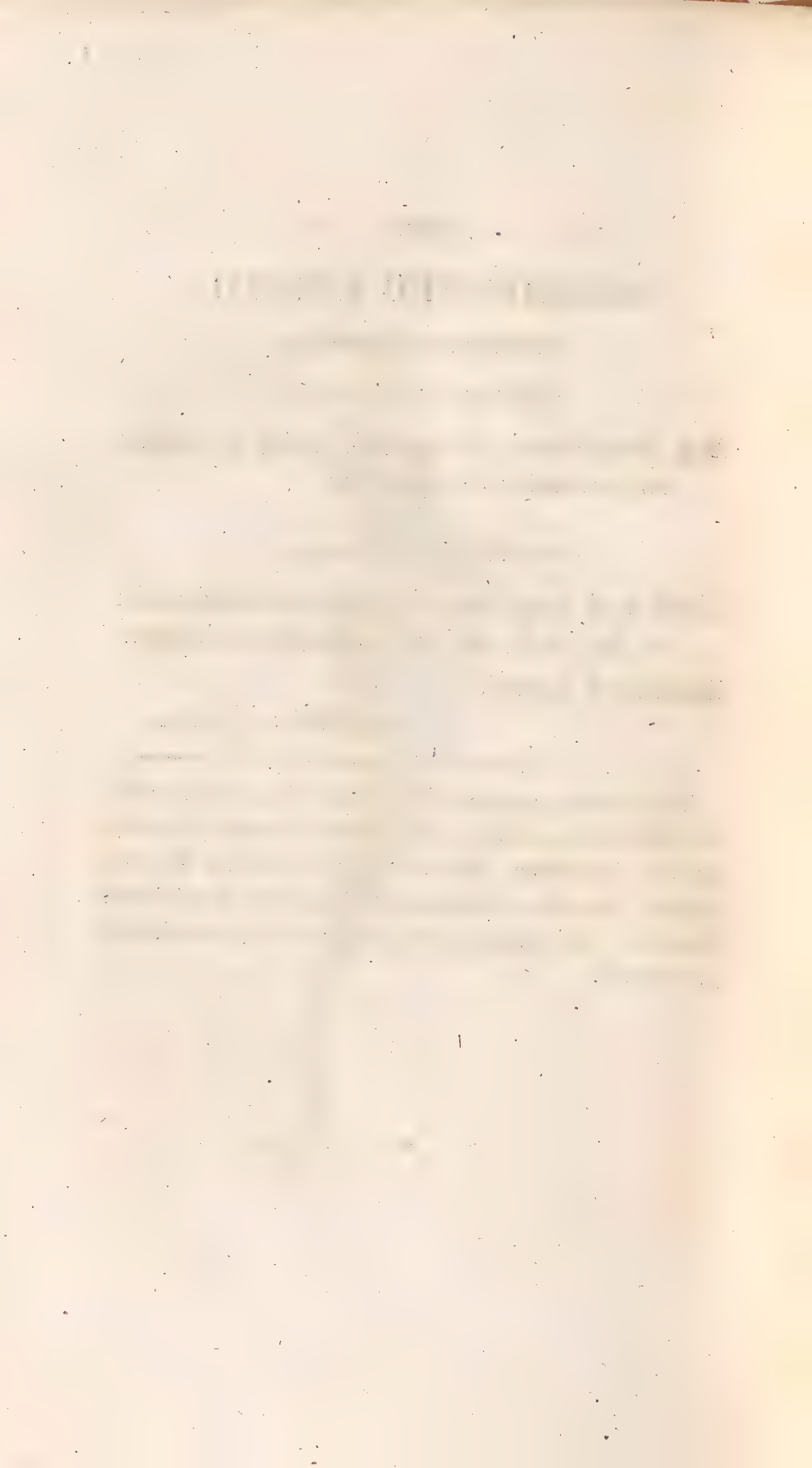
Lizard with four rows of strong carinated scales  
on the back, and tail of moderate length.

Bicarinated Lizard.

*Gen. Zool.* 3. p. 212.

---

This species appears to have been first figured with  
any degree of accuracy in the work of Count de Cope  
on the Amphibia, who however mistook it for the  
*Lacerta Dracæna* of Linnæus. It is a native of South  
America, and arrives at the length of eighteen inches  
or two feet.



## SCOMBER SCOMBER.

\*\*\*\*\*

### CHARACTER GENERICUS.

*Corpus* oblongum, læve, linea laterali interdum carinatum.

*Pinnulæ* sæpius supra infraque caudam.

### CHARACTER SPECIFICUS, &c.

*Scomber cæruleus*, lineis numerosis transversis nigris, abdomine argenteo, pinnulis supra infraque quinque.

*Gen. Zool.* 4. p. 577.

*Scomber Scomber.*

*Lin. Syst. Nat.*

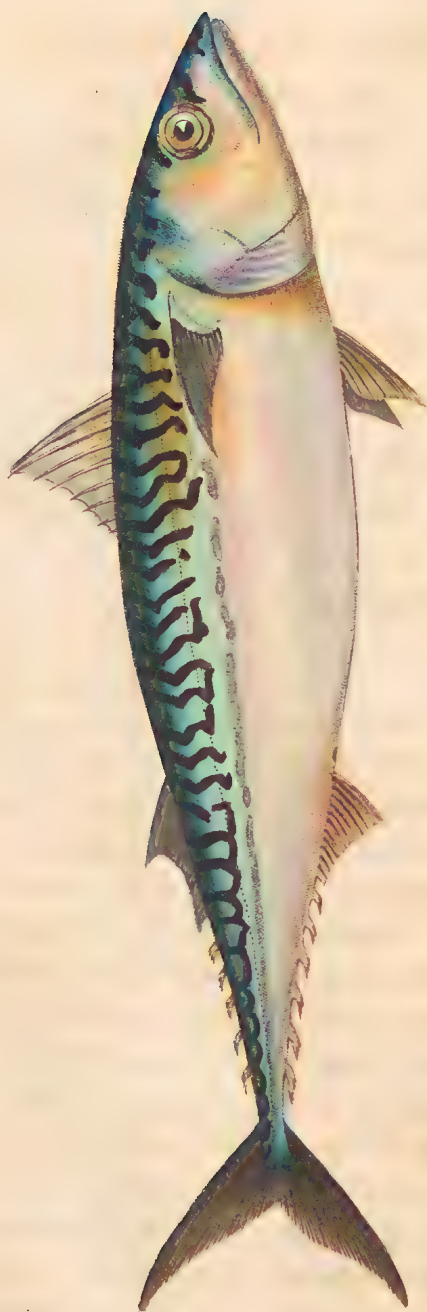
---

*Scombrum Scombrum* seu communem, in piscium pulcherrimorum numero habendum, generant maria Europæa et Americana. Certa, ut plurimum, observat reditus tempora, et circa certa catervatim glomeratur litora; arctica præcipue; major ibi quam alibi. De longis itineribus quæ peragere *Scombrum* narrant nonnulli auctores, dubitare saltem tutius est, si non in fabulis reponere; multoque verisimilius est im-mensa agmina, quæ verno tempore oras Europæas modice tepentes frequentant, per hiemem nunquam revera procul a litore aberrasse, sed in molli luto demersa latuisse, et exacto frigore, aperto se pelago iterum commississe.









THE  
COMMON MACKREL.

\*\*\*\*\*

GENERIC CHARACTER.

*Body* oblong, smooth, sometimes carinated by the lateral line.

*Finlets* (in most species) above and below, towards the tail.

SPECIFIC CHARACTER, &c.

Blue Mackrel, with numerous transverse black lines, silvery abdomen, and five finlets above and below.

Common Mackrel.

*Penn. Brit. Zool.*

*Gen. Zool.* 4. p. 577.

---

The Common Mackrel, which may be considered as one of the most beautiful of fishes, is a native of the European and American seas; generally appearing at stated seasons, and swarming round particular coasts. It is most plentiful in the northern seas, where it grows to a larger size than elsewhere. The long migrations of the Mackrel, described by some writers, seem at present to be considered as extremely doubtful; and it is rather supposed that the shoals which appear in such vast abundance round the more temperate coasts of Europe in the spring season, were in reality at no great distance during the winter; having merely immersed themselves in the deep and soft mud; from which they arise in a state of restored activity when the frosts are passed.



GENERAL INDEXES,  
IN LATIN AND ENGLISH,  
OF THE  
SUBJECTS  
CONTAINED IN THE  
TWENTY-FOUR VOLUMES  
OF THE  
NATURALIST'S MISCELLANY;

BY THE LATE  
GEORGE SHAW, M.D. F.R.S.  
AND  
RICH. P. NODDER.

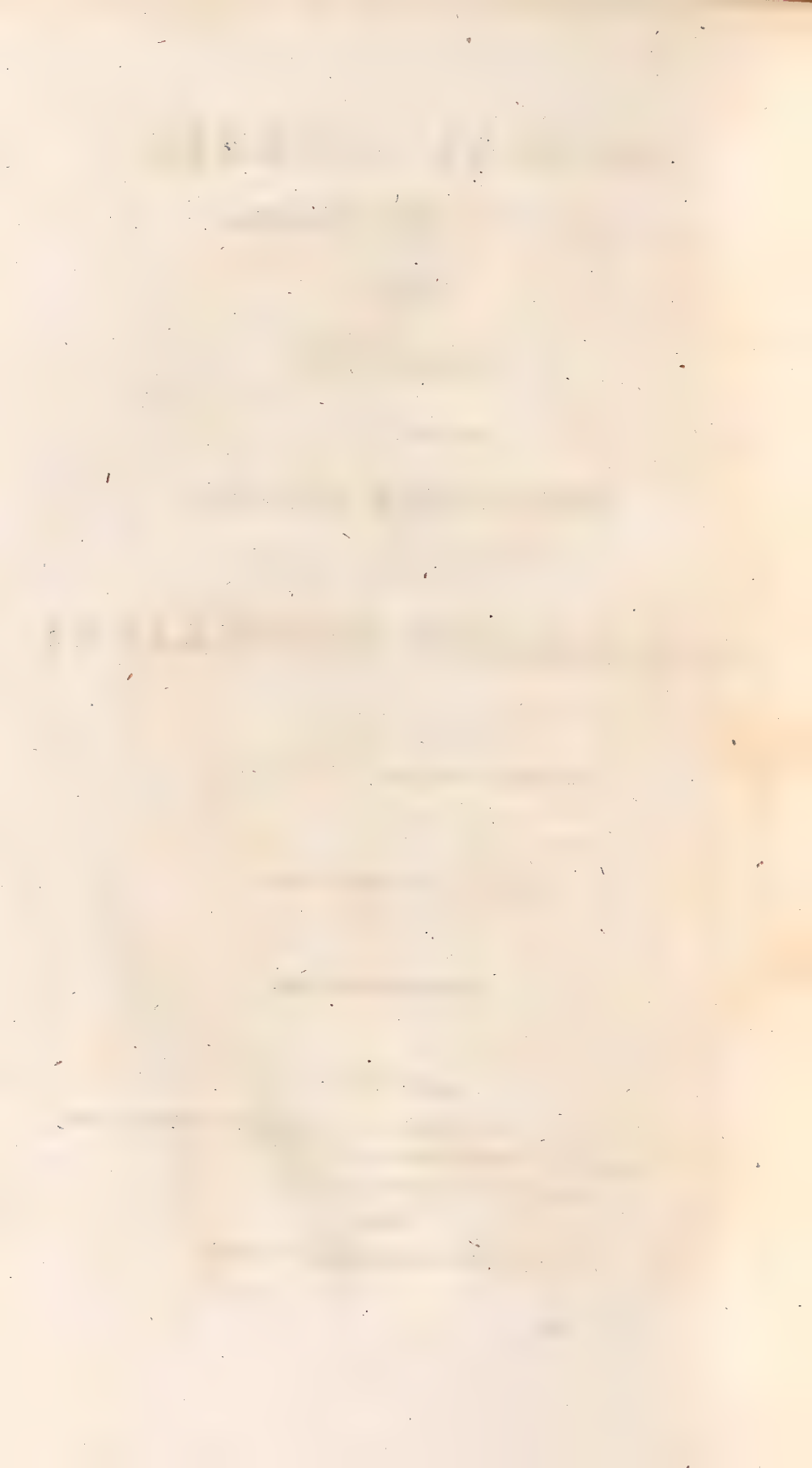
---

LONDON:

PRINTED FOR, AND PUBLISHED BY, ELIZABETH NODDER & SON,  
34, TAVISTOCK-STREET, COVENT-GARDEN;  
BY B. M'MILLAN, BOW-STREET, COVENT-GARDEN.

1813.

[*Price Two Shillings and Sixpence.*]



# GENERAL LATIN INDEX

OF THE

PLATES CONTAINED IN THE TWENTY-FOUR VOLUMES

OF

THE NATURALIST'S MISCELLANY,

ALPHABETICALLY ARRANGED.

A			VOL.	PL.	
			9	326	Alcyonium alboreum
19	802	Acanthurus Chirurgus	8	272	arenosum
14	547	velifer	10	376	botryoides
4	128	Acarus auratus	9	326	digitatum
2	42	autumnalis	22	940	exos
11	440	coleoptratus	18	748	Schlosseri
17	712	exulcerans	19	817	Ampelis Cotinga
6	187	lepidopterorum	4	135	Garrulus
18	764	pectinatus	18	765	Maynana
9	335	rhombeatus	22	945	phoenicea
2	64	vegetans	19	813	Pompadora
5	148	Acrochordus Javanicus	19	821	superba
1	26	Actinia Anemone	21	897	umbellata
1	27		3	86	Amphisbæna rosea
11	423	Cereus	9	324	Amphitrite Ventila-
9	330	crassicornis			brum
13	539	Dianthus	13	503	Anableps tetropthal-
11	417	Alca impennis			mus
12	465	Alcedo atricapilla	15	598	Anarhichus pantheri-
8	269	cærulea			nus
13	525	chlorocephala	15	605	Anas Ægyptiaca
1	13	cristata	17	697	fasciata
9	317	Eriothaca	21	835	galericulata
21	889	Inda	23	1005	histrionica
4	129	Ispida	8	255	lobata
19	793	leucocephala	11	421	melanotus
5	159	pusilla	2	69	Merianæ
19	825	Smyrnensis	1	32	occidua
16	681	tribrachys	3	108	Plutonia
21	901	ultramarina	24	1037	Sponsa

B



VOL.	PL.		VOL.	PL.	
1	5	Anguis Scytale	18	778	Bodianus Apua
10	355	Anthias Argus	19	826	— Aya
11	402	— Diagramma	14	542	— pentacanthus
12	487	— formosus	19	796	Brachionus aculeatus
10	371	— sacer	18	775	— galeatus
9	320	Antipathes Cupressus	10	394	— urceolatus
10	352	— myriophylla	1	6	Bradypus tridactylus
6	205	Aphrodita aculeata	2 {	58	— ursinus
19	792	— cirrhosa	2 {	59	
12	454	Apis lapidaria	19	809	Buceros albirostris
21	902	Aplysia Camelus	2	41	— Rhinoceros
13	507	— depilans	14	544	Buccinum Harpa
16	638	— punctata	22	959	— inflatum
17	706	— Peroniana	15	596	— Rumphii
24 {	1057	Apteryx Australis	19	799	— subulatum
24 {	1058		12	467	— tuberosum
1	12	Aranea avicularia	10	392	Bucco bidentatus
9	308	— Diadema	12	461	— Maynanensis
9	336	— nobilis	7	248	Bulla achatina
23	983	— Occidua	12	438	—
15	614	— venatoria	8	294	Bulla ? Occidua
15	602	— Tarantula	8	268	— virginea
24	1041	Ardea Virgo	14	541	Buphaga Africana
15	621	— tigrina	24	1060	Buprestis Chrysis
3	101	Argonauta Argo	8	256	— gigantea.
23	995	— tuberculatus			C
13	532	Ascidia Aurantium	18	742	Caligus piscinus
5	154	— clavata	9	302	Cancer Bernardus
6 {	214	— fasciculata	8	282	— brachiatus
6 {	215		13	524	— cristatus
7	239	— pedunculata	5	160	— Diogenes
3	103	Asterias Caput Medusæ	17	694	— Grapsus
17 {	695	— echinites	15	627	— linearis
17 {	696		11	408	— longimanus
15	620	— oligactes	16	642	— Mantis
11	418	— papposa	12	464	— Norvegicus
24	1040	— scolopendroides	13	496	— Phalangium
12	475	— Toreuma	16	655	— Scyllarus
		B	15	591	— Sebanus
4	133	Balæna Mysticetus	9	314	— strigosus
17	720	— musculus	14	588	— Uca
9	304	— rostrata	17	713	Cancroma Cochlearia
13	535	Boa antarctica	24	1045	Caprimulgus Cayanus
1	24	— canina	8	265	— longipennis
2	51	— Constrictor	24	1053	— vociferans
			3	99	Casuaris Australis
			8	297	— galeatus

GENERAL LATIN INDEX,

3

VOL.	PL.		VOL.	PL.	
13.	538	Cataphractus costatus	12	457	Columba coronata
14	584	Centriscus Scolopax	22	929	—— undulata
19	782	Cephalus brevis	18	177	—— melanoptera
8	284	Cerambyx cervicornis	12	449	—— rosea
8	280	—— giganteus	24	1049	Colymbus glacialis
4	134	—— longimanus	24	1044	Conus Amadis <i>Var.</i>
24	1026	—— virens	13	495	—— Ammiralis et var
3	107	Cercaria mutabilis	13	502	—— arausiacus et
3	102	Certhia Cardinalis			arachr.
3	75	—— coccinea	21	896	—— Augur
8	281	—— cyanea	10	395	—— Aulicus
10	381	—— chalybea	23	976	—— gloria maris
6	210	—— crocata	6	211	—— marmoreus
20	837	—— erythrogastra	13	523	—— Tulipa
1	19	—— formosa	11	401	Coracias Africana
19	797	—— gutturalis	8	273	—— Indica
8	289	—— muraria	13	509	—— Sinensis
20	865	—— superba	19	781	—— varia
10	369	—— venusta	22	1016	Corallina dilatata
2	57	Chætodon armatus	22	943	—— fasciculata
21	914	Chætodon aureus	16	658	—— Flabellum
2	67	—— Enceladus	24	1051	—— incrassata
14	551	—— setifer	5	158	—— officinalis
8	275	—— squamulosus	6	190	—— Tuna
19	800	—— Teira	14	568	Cornucopia helicina
12	471	—— tricolor	14	561	Corvus caudatus
15	635	Chama Cor.	14	553	—— brachyurus
11	442	—— Gigas	9	313	—— cristatus
6	195	Charadrius Himantopus	20	829	—— cyaneus
17	731	Chætodon glaucus	14	549	—— glandarius
8	257	Chiton squamosus	6	213	—— Peruvianus
3	110	Cicada plebeia	13	506	Coryphæna cærulea
5	152	Clio limacina	7	242	—— Hippurus
6	206	—— pyramidata	24	1031	—— pentadactyla
20	874	Clupea atherinoides	22	966	Cottus scaber
5	182	Coccus cataphractus	4	117	Crax Alektor
6	209	Coluber Abætulla	17	707	Crenatula avicularis
4	122	—— Cerastes	24	1029	Cuculus auratus
7	254	—— doliatus	21	905	—— curvirostris
8	266	—— fasciatus	20	845	—— discolor
2	74	—— Naja	8	277	—— Sinensis
5	181	—— Naja	9	310	Cyclopterus pavoninus
3	94	—— nascicornis	16	648	Cypræa Arabica
9	340	—— picatus	15	619	—— Argus
8	291	—— Russelii	16	648	—— fragilis
19	785	Columba aromatica	6	193	—— Pardalis
17	709	—— australis	15	619	—— leucopis
			18	734	—— testudinaria

VOL.	PL.	
14	583	Cypræa Zebra
8	262	Cyprinus buphthalmus
23	1000	——— Carpio var.
17	723	——— Orfus
14	556	——— Rondeletii
20	838	——— Tincaurea
21	687	——— Vimba

## D

15	634	Delphinus Gangeticus
24	1028	——— ventricosus
7	226	Dentalium elephantinum
8	298	Didelphis obesula
5	166	Didi caput
4	123	Didus ineptus
5	151	Diodon Hystrix
21	878	——— orbicularis
2	40	Dionæa Muscipula
4	145	Doris Argo
20	851	——— palmifera
7	221	——— radiata
1	8	Draco volans
8	292	Dytiscus piceus

## E

13	511	Echeneis Remora
7	223	Echinus esculentus
15	597	Emberiza Ciris
11	429	——— quadricolor
7	219	——— Schoeniclus
10	382	Epinephelus Merra
13	526	Equus Americanus
15	624	Erpeton tentaculatus
9	344	Esox Stomias
12	446	Exocoetus evolans
19	814	——— mesogaster.

## F

18	741	Falco communis
23	1017	——— fastosus
12	485	——— formosus
6	204	——— furcatus
10	389	——— Ponticerianus
9	303	Fasciola clavata

VOL.	PL.	
19	790	Fistularia Chinensis
13	518	——— Tabacaria
10	391	Flustra foliacea
5	150	Fringilla Bengalensis
9	329	——— domestica
13	505	——— elegans
10	361	——— tristis
18	749	———
22	931	Fulgora candelaria
1	37	——— Lanternaria

## G

20	833	Galbula Jacamaciri
10	362	Gastrobranchus coecus
4	121	Gordius aquaticus
16	684	Gorgonia Briareus
16	671	——— ceratophyta
16	674	——— crassa
1	14	——— Flabellum
24	1055	——— Lepadifera
21	916	——— patula
17	708	——— pinnata
8	263	——— sanguinolenta
17	689	Gracula calva
21	884	Gryllus cærulescens
4	136	——— citrifolius
7	251	——— cristatus
18	772	——— Dux
20	835	——— Elephas
4	115	——— laurifolius
2	62	——— migratorius
18	747	——— monstrosus
18	763	——— morbillosus
19	784	——— nasutus
20	843	——— Pupus
20	866	——— serratus
19	788	——— squarrosus
21	879	——— verrucivorus
18	743	——— viridissimus
9	307	Gymnothorax catenatus
9	322	——— Zebra
4	130	Gymnotus electricus
14	586	——— rostratus
9	343	Gyrinus Mexicanus
	344	

## H

VOL.	PL.	
17	715	<i>Haliotis tuberculata</i>
2	70	<i>Hedysarum gyrans</i>
14	576	<i>Helix ampullacea</i>
10	374	— <i>Carocolla</i>
16	683	— <i>citrina</i>
1	30	— <i>hortensis</i>
22	950	— <i>pellis serpentis</i>
10	374	— <i>ringens</i>
10	387	<i>Hippobosca Hirundi-</i> <i>nis</i>
6	217	<i>Hirudo medicinalis</i>
6	218	— <i>sanguisuga</i>
16	665	<i>Hirundo Capensis</i>
23	986	<i>Holocentrus auratus</i>
13	522	— <i>Sogo</i>
20	867	— <i>Surinam-</i> <i>ensis</i>
13	514	— <i>tigrinus</i>
20	870	— <i>virescens</i>
8	260	<i>Holothuria inhaerens</i>
5	172	— <i>tremula</i>
16	664	<i>Hyale tridentata</i>
11	400	<i>Hydrachna coccinea</i>
18	759	— <i>geographi-</i> <i>ca</i>
22	970	<i>Hydra longimana</i>
1	20	— <i>viridis</i>

## I

3	106	<i>Isis Hippuris</i>
3	82	— <i>nobilis</i>
2	46	<i>Julus maximus</i>
5	156	<i>Junx Torquilla</i>

## K

24	1055	<i>Kurtus Indicus</i>
----	------	-----------------------

## L

24	1038	<i>Labrus annulatus</i>
17	700	— <i>bifasciatus</i>
18	762	— <i>Brasilensis</i>
22	942	— <i>cyanocephalus</i>

VOL.	PL.	
18	760	<i>Labrus guttulatus</i>
11	426	— <i>Tinca?</i>
19	786	— <i>trimaculatus</i>
23	1019	— <i>undulatus</i>
11	403	<i>Lacerta Amboinensis</i>
21	891	— <i>Ameiva</i>
11	411	— <i>Apus</i>
11	412	— <i>aquatica</i>
15	594	— <i>aurita</i>
4	142	— <i>Basiliscus</i>
24	1063	— <i>Bicarinata</i>
11	423	— <i>Crocodilus</i>
18	770	— <i>furcifrons</i>
17	722	— <i>Hispaniolica</i>
7	227	— <i>Iguana</i>
16	663	— <i>lepidopus</i>
16	212	— <i>lumbricoides</i>
1	21	— <i>Monitor</i>
22	947	— <i>monodactyla</i>
8	279	— <i>palustris</i>
2	65	— <i>platura</i>
2	45	— <i>Salamandra</i>
5	179	— <i>scincoides</i>
24	1031	— <i>Scincus</i>
3	89	— <i>unistriata</i>
3	83	— <i>varia</i>
9	318	— <i>vulgaris</i>
22	968	<i>Langaya nasuta</i>
7	246	<i>Lanius Barbarus</i>
13	521	— <i>bicolor</i>
10	377	— <i>Collurio</i>
16	637	— <i>gutturalis</i>
16	645	— <i>jocosus</i>
20	869	— <i>mystaceus</i>
14	578	<i>Larva Australasiae</i>
13	501	<i>Lemur Calago</i>
14	570	— <i>minutus</i> var.
1	29	— <i>Tardigradus</i>
6	191	<i>Lepas anatifera</i>
14	554	— <i>anserina</i>
16	672	— <i>aurita</i>
17	726	— <i>trachealis</i>
8	295	<i>Lernææ</i>
18	779	<i>Libellula cærulata</i>
12	471	— <i>depressa</i>
12	459	— <i>grandis</i>
11	407	— <i>Lucretia</i>
12	480	— <i>Puella</i>



VOL.	PL.		VOL.	PL.	
12	476	<i>Libellula Virgo</i>	10	383	<i>Madrepora rosea</i>
4	137	<i>Limax ater &amp; max.</i>	18	754	— <i>seriata</i>
10	375	<i>Lonchurus barbatus</i>	1	11	<i>Manis pentadactyla</i>
23	1012	<i>Lophius Cocinsinensis</i>	1	36	— <i>tetradactyla</i>
7	245	— <i>Histrion</i>	9	323	<i>Mantis bispinosa</i>
5	176	— <i>marmoratus</i>	2	43	— <i>Gigas</i>
6	202	— <i>monoptery-</i>	7	223	— <i>gongylodes</i>
	203	— <i>gus</i>	9	327	— <i>precaria</i>
5	176	— <i>pictus</i>	4	119	— <i>siccifolia</i>
11	422	— <i>piscatorius</i>	3	95	— <i>strumaria</i>
5	175	— <i>striatus</i>	8	259	<i>Medusa Andromeda</i>
20	875	— <i>Vespertilio</i>	6	196	— <i>Campanella</i>
11	410	<i>Loricaria Plecostomus</i>	7	224	— <i>Cephea</i>
3	105	<i>Loxia Cardinalis</i>	4	112	— <i>Infundibulum</i>
14	545	— <i>cærulea</i>	7	247	— <i>Navicula</i>
11	433	— <i>qucullata</i>	16	643	— <i>Nummularia</i>
17	685	— <i>Enucleator</i>	22	956	— <i>pellucens</i>
2	56	— <i>jugularis</i>	2	299	— <i>Pulmo</i>
19	677	— <i>Ludoviciana</i>	7	250	— <i>Verella</i>
7	240	— <i>Orix</i>	12	445	<i>Mergus Castor</i>
19	811	<i>Lucanus Alces</i>	5	162	<i>Merops Apiaster</i>
16	647	<i>Lucernaria quadriloba</i>	15	613	— <i>cæruleocephalus</i>
12	491	<i>Lutianus Chrysops</i>			— <i>lus</i>
11	415	<i>Lycoperdon fornicatum</i>	10	357	— <i>Erythrocephalus</i>
					— <i>lus</i>
		M	9	337	— <i>gularis</i>
1	33	<i>Macropus giganteus</i>	17	701	— <i>Malimbicus</i>
12	462	<i>Macrourus rupestris</i>	3	78	— <i>superbus</i>
23	1004	<i>Madrepora abdita</i>	11	419	<i>Millepora alcicornis</i>
22	946	— <i>annularis</i>	16	666	— <i>cærulea</i>
5	155	— <i>astroites</i>	5	109	— <i>cellulosa</i>
19	820	— <i>axillaris</i>	11	416	— <i>lichenoides</i>
17	703	— <i>Carduus</i>	21	920	— <i>reticulata</i>
4	118	— <i>Cerebrum</i>	18	767	— <i>violacea</i>
17	711	— <i>cinnamomata</i>	20	861	<i>Momota Brasiliensis</i>
17	719	— <i>cucullata</i>	10	368	<i>Monoculus Apus</i>
20	858	— <i>fastigiata</i>	10	390	— <i>conchaceus</i>
22	952	— <i>flexuosa</i>	18	736	— <i>cyprinaceus</i>
3	79	— <i>Fungites</i>	3	91	— <i>Polyphemus</i>
20	840	— <i>Lactuca</i>	10	364	— <i>Pulex</i>
17	686	— <i>muricata</i>	21	904	— <i>quadricornis</i>
11	414	— <i>musicalis</i>	1	3	<i>Moschus pygmaeus</i>
15	607	— <i>pezizoides</i>	6	207	<i>Motacilla alba</i>
20	855	— <i>phrygia</i>	5	168	— <i>Calliope</i>
15	623	— <i>Pileus</i>	23	973	— <i>diophrys</i>
6	194	— <i>ramea</i>	22	949	— <i>dubia</i>
20	848	— <i>retepora</i>	4	114	— <i>hirundinacea</i>

## 7

VOL.	PL.	
13	515	<i>Nautilus Pompilius</i>
14	{ 579 580 }	<i>Naut. Pompil. animal</i>
10	370	<i>Nepa grandis</i>
14	543	— <i>linearis</i>
9	311	<i>Nereis lamelligera</i>
16	678	<i>Nerita polita et pennata</i>
12	466	<i>Notocanthus Nasus</i>
17	705	<i>Numenius Guarauna</i>
18	757	<i>Numida cristata</i>
O		
18	740	<i>Onchidium Typhæ</i>
15	628	<i>Oniscus Entomon</i>
11	399	<i>Ophicephalus punctatus</i>
1	23	<i>Ophrys apifera</i>
8	285	<i>Oriolus Galbula</i>
10	365	— <i>hæmorrhous</i>
12	478	— <i>melanocephalus</i>
9	341	— <i>phoeniceus</i>
7	213	— <i>Xanthornus</i>
9	338	<i>Ostracion auritus</i>
7	253	— <i>Meleagris</i>
16	675	<i>Ostrea denticulata</i>
23	987	— <i>Islandica</i>
23	978	— — — <i>var.</i>
11	439	— <i>isogonum</i>
16	639	— <i>Jacobæa</i>
12	492	— <i>Pallium</i>
23	993	— <i>varia</i>
15	610	<i>Ovis Canadensis</i>
14	573	<i>Otis Petrax</i>
P		
14	565	<i>Palamedea cornuta</i>
2	68	<i>Papilio Achilles</i>
17	710	— <i>Achilles var.</i>
19	783	— <i>Adippe</i>
17	687	— <i>Adonis</i>
13	512	— <i>Æneas &amp; Peranthus</i>
13	500	— <i>Agenor</i>
24	1024	— <i>Ajax</i>
19	787	— <i>Amphinome</i>
12	448	— <i>Amphimedon</i>

VOL.	PL.		VOL.	PL.	
16	650	Papilio Amphrysus	21	888	Papilio Marsyas
15	597	— Amphytion	2	49	— Menelaus
17	718	— Anchises	15	604	— Merope
19	894	— Androgeus	4	113	— Nestor
15	635	— Andromachus	11	444	— Nireus
6	197	— Antenor	12	486	— Orontes
14	572	— Antimachus	11	420	— Panthous
18	774	— Antiopa	13	516	
20	839	— Automedon	11	404	— Paris
14	555	— Apollo	18	756	— Paphia
23	1006	— Archippus	11	436	— Patroclus
17	716	— Arciselaus	12	472	— Perseus
5	157	— Atalanta	23	1010	— Philenor
22	951	— Atyis	12	459	— Phorcus
14	587	— Aurelius	19	819	— Piera
22	955	— Bolina	1	28	— Polymnestor
21	915	— Cardamines	24	1043	— Polychloros
11	430	— Cardui	20	846	— populi
19	791	— Cassia	1	15	— Priamus
24	1046	— C-aureum	15	590	— Protenor
20	852	— Cramerianus	13	504	— Protesilaus
14	574	— Cyparissias	21	895	— Pylades
13	540	— Deiphobus	23	991	— Pyretus
17	704	— Deiphobus var.	19	824	— Rhamni
11	444	— Demoleus	4	125	— Ripheus
8	296	— Diomedes	19	806	— Spondia
19	828	— Empedocles	17	732	— Telemachus
22	948	— Erminia	9	331	— Thoas
23	1018	— Eubule	23	1003	— Troilus
20	844	— Galanthus	12	484	— Xuthus
21	918	— Galatea	3	92	— Ulysses
8	271	— Hector	21	881	Paradisca aurantia
5	167	— Hecuba	23	994	— Gularis
3	77	— Helena	15	625	— magnifica
14	552	— Helenus & Ste- neles	14	577	— Parkinsoniana
24	1050	— Huntera	24	1021	— superba
15	632	— Jairus	24	1025	— Vaillantii
17	692	— Icarus	23	1009	Parra Jacana
24	1035	— Idalia	4	138	Parus caeruleus
5	149	— Idea	6	201	— major
5	164	— Idomeneus	15	606	Patella fusca
10	388	— Io	24	1052	— testudinaria
20	862	— Iris	16	641	— plicaria
14	564	— Laertes	11	441	Pavo spicifer
10	360	— Leilus	6	208	— Tibetanus
11	398	— Machaon	20	863	Pediculus vulgaris
20	844	— Maja	13	529	Pegasus Draco
					Pelecanus Sinensis

VOL.	PL.		VOL.	PL.	
4	124	Pennatula argentea	21	899	Phalæna quercifolia
5	170	———— Cynomorion	21	886	———— quercus
2	39	———— phosphorea	15	{ 611 }	———— regia
4	139	———— teniformis	20	612 }	———— Rhodope
12	478	Perca guttata	21	856	———— Sponsa
16	682	———— maculata	15	618	———— Strix
24	1033	Perdix rufa	17	699	———— Sylla
4	143	Pes Didi	16	646	———— Tarquinia
2	60	Petaurus australis	20	830	———— Tyrrhea
5	177	Phaeton phoeniceus	22	228	———— Venus
22	938	Phalæna Agarista	22	972	———— Villica
13	{ 530 }	———— Agrippina	22	967	———— Vinula
16	640	———— Apollonia	3	85	Phalangium cancroides
1	2	———— Atlas	15	608	———— dubium
8	300	———— Augusta	10	393	———— reniforme
14	582	———— Boreas	9	321	Phasianus ignitus
8	288	———— Caja	10	353	———— varius
22	934	———— Capensis	9	{ 347 }	Phasma dilatatum
15	{ 615 }	———— Cecropia	17	348 }	Phyllidia trilineata
19	816	———— Cossus	6	688	Physeter macrocephalus
22	963	———— Dominula	15	592	Phytolithus Filicis
7	230	———— Erycina	17	725	Phytotoma Abyssinica
16	644	———— Fabia	4	126	Picus erythrocephalus
12	490	———— Fraxini	5	180	———— major
14	548	———— Hebe	11	413	———— miniatus
21	892	———— Hypermnestra	7	225	———— minor
22	960	———— Hyphinoe	2	44	———— minimus
16	656	———— Janus	13	493	———— pileatus
18	735	———— imperatoria	22	953	———— Portoricensis
12	{ 455 }	———— Junonia	13	497	———— principalis
12	468	———— Lectrix	18	753	———— rufus
21	880	———— Liris	11	437	Pinguinaria cristata
8	264	———— Luna	11	409	———— Patachonica
20	868	———— macrops	12	483	Pinna muricata
13	520	———— macroura	7	249	Pipra Aureola
22	932	———— Matronula	5	153	———— caudata
20	876	———— nupta	20	849	———— militaris
23	996	———— oculatissima	20	841	———— musica
18	776	———— odora	4	111	———— punctata
16	660	———— Paphia	5	174	———— striata
16	659	———— , larva	15	593	———— rupicola
23	1014	———— papilionaria	11	424	Pianaria lactea
19	822	———— Pini	3	90	Platalea Ajaja
10	356	———— Polyphemus	10	{ 385 }	Platypus Anatinus
23	998	———— Proserpina		{ 386 }	



VOL.	PL.		VOL.	PL.	
14	559	Platystacus anguillaris	16	657	Psittacus zonarius
11	432	———— cotylepho-	9	328	Pterotrachea coronata
		rus	3	104	Ptinus fatidicus
19	823	Pleuronectes Argus	5	178	Pulex irritans
21	903	———— barbatus	16	662	Pyrosoma phosphores-
7	238	———— roseus			cens
21	890	———— Zebra			R
10	373	Plotus melanogaster			
12	470	Polyneumus paradiseus	5	173	Raja rostrata
24	1027	Polypterus niloticus	6	198	Ramphastos Aracari
23	985	Promerops cæruleus	6	183	———— erythro-
23	981	———— superbus			rhynchos
15	609	Psittacus Angustus			viridis
22	937	———— cæruleatus	17	717	———— viridis
11	425	———— canus	4	127	Rana arborea
21	893	———— Capensis	6	200	———— Australiaca
18	737	———— coccineus	10	367	———— bicolor
3	87	———— concinnus	3	76	———— cornuta
3	93	———— eximius	20	871	———— esculenta
6	186	———— funereus	23	984	———— ignea
22	925	———— garrulus	23	999	———— mephitica
2	53	———— gloriosus	10	{ 351 }	———— paradoxa
21	917	———— hæmatodes		{ 353 }	
18	769	———— incertus	1	17	———— Pipa
19	769	———— infuscatus	20	864	———— temporaria var.
15	633	———— Lory	9	325	Rynchops nigra
21	921	———— Macro-			S
		rhynchos			
2	50	———— magnificus	22	971	Salmo rhombeus
4	132	———— melanopte-	21	882	———— Salvelinus
		rus	21	923	———— Tumbil
16	653	———— melanotus	7	236	Salpa democratica
21	913	———— nuchalis	7	232	———— maxima
8	258	———— pallidus	18	758	Scarabæus auratus
23	1001	———— Paradisi	17	730	———— Cacicus
1	7	———— Porphyrio	9	316	———— cyaneus
1	1	———— porphyro-	14	560	———— dichotomus
		cephalus	9	332	———— Elephas
1	16	———— porphyru-	24	1054	———— Fullo
		rus	3	{ 80 }	———— Goliathus
3	96	———— pulchellus	18	{ 751 }	
1	35	———— pullarius	1	34	———— Hercules
21	877	———— rodoceph-	13	536	———— longimanus
		alus	21	911	———— Loxanus
24	1061	———— squamosus	10	384	———— Macropus
7	228	———— terrestris	23	974	———— micans
21	909	———— Vaillanti	9	316	———— Monoceros
16	673	———— undulatus			

VOL.	PL.		VOL.	PL.	
4	131	Scarabæus Midas	3	97	Silurus Callichthys
24	1030	———— torquatus	11	406	———— militaris
19	803	———— Typhon	2	61	Siren lacertina
19	794	Scarus Cretensis	15	622	Solpuga venenosa
12	482	———— Croicensis	2	55	Sorex bicolor
8	286	———— viridis	23 {	979 }	Sparas chloropterus
10	366	Sciæna Cirrosa	23 {	975 }	———— erythrourus
24	1047	———— Coro	23	975	———— Juba
23	1007	———— formosa	24	1023	Sparus Abilgardi
24	1042	———— macrolepidota	21	898	———— Anchorago
23	990	———— unimaculata	21	919	———— argyrophthalmus
18	745	Scolopax Helias	21	910	———— chlorourus
17	729	———— Sinensis	12	458	———— chrysurus
6	185	Scolopendra microscopica	20	834	———— erythrinus
		———— morsitans	19	807	———— falcatus
1	9	Scomber Ductor	18	755	———— fasciatus
13	499	———— fasciatus	1	31	———— ? formosus
22	935	———— maculosus	20	842	———— macrophthalmus
23	982	———— regalis	16	652	———— melanopterus
20	854	———— Rottleri	18	750	———— Pagrus
20	850	———— ruber	24	1034	———— Pavo
13	494	———— saliens	20	847	———— semifasciatus
23	1002	———— Scomber	19	818	———— Surinamensis
24	1064	Scorpæna Porcus	20	859	———— trimaculatus
22	958	———— volitans	19	810	———— Verres
18	768	Scorpio Afer	22	939	———— Vosmerianus
17	723	Scyllæa pelagica	13	534	Sphagebranchus ros-tratus
18	780	Sepia granulata	14 {	566 }	Sphinx Annonæ
10	363	———— Loligo	14 {	567 }	———— Atropos
10	359	———— Octopodia	13	528	———— Celerio
14	546	———— tunicata	20	872	———— Chionanthi
20	857	Serpentarius Africanus	24	1059	———— Cluentius
14	571	Serpula anguina	15	595	———— Convolvuli
14	575	———— muricata	18	752	———— Crantor
6	188	———— perforata	23	980	———— Elpenor
8	283	———— vermicularis	23	988	———— Euphorbiæ
24	1048	Sertularia cereoides	21	922	———— Ficus
22	962	———— contorta	18	739	———— Jatophæ
17	698	———— Pennatula	16	680	———— Jatrophæ larva
22	936	———— Pinaster	16	679	———— labruscæ
2	71	———— setacea	16	668	———— larva
23	1008	Serrularia operculata	16	667	———— Ligustri
18	774	Simia argentata	11	443	———— lineata
15	626	———— Ascanius	17	724	———— Nerii
2	216	———— Hamadryas	10	372	———— ocellata
24	1036	———— Leonina	1	18	———— Pandion
2	48	———— Sphinx ?	24	1039	

VOL.	PL.		VOL.	PL.	
16	670	Sphinx Panopus	16	669	Tanagra melanipectera
19	803	— populi	17	693	— Mississippensis
9	319	— rustica	18	761	— silens
19	795	— satellitia	1	4	— Tatao
20	872	— stellatarum	9	305	— violacea
16	651	Spondylus gædaropus	17	721	Tantalus cristatus
10	380	Spongia flabelliformis	8	293	— Gangeticus
4	146	— Infundibulum	4	120	— ruber
18	738	— palmata	7	235	Terebella flavicoma
17	727	Squalus appendiculatus	8	290	— Madreporarum
11	434	— fasciatus	9	339	— rostrata
5	161	— ocellatus	9	306	Testudo geometrica
21	906	— Squatina	8	287	— imbricata
15	630	— tentaculatus	4	144	— Meleagris
7	229	— Tiburo	2	{ 907 }	— Nilotica
9	346	— vittatus	2	{ 908 }	
8	267	— Zygaena	24	1062	— serpentina
2	54	Stapelia hirsuta	13	510	Tethys Fimbria
23	992	Strix Africana	15	589	Tetrao arenaria
5	171	— albifrons	9	345	— Californicus
12	477	— cayana	18	773	— Francolinus
19	801	— larvata	3	84	— Porphyrio
1	25	— nebulosa	22	933	— Senegalensis
2	47	— Nyctea, var.	20	832	Tetradon lineatus
1	22	— pulchella	18	733	Tinamus variegatus
22	926	Strombus Auris Dianæ	11	405	Todus cristatus
13	499	— Fusus	10	378	Trachichthys Australis
23	1011	— Lambis	8	276	Trichechus Rosmarus
13	519	— latissimus	22	930	Trichiurus lepturus
2	72	Struthio Rhea	12	453	Trichoda Sol
10	349	Sturnus Ludovicianus	18	766	— triseta
20	873	— nitens	4	116	Trigla cataphracta
19	805	— subroseus	21	894	— lineata
8	274	Stylephorus chordatus	22	954	— pini
23	997	Sylvia minuta	11	438	— punctata
14	563	Synbranchus marmoratus	12	451	— volitans
17	714	Syngnathus bianculeatus	23	977	Trochilus auritus
T			2	66	— Colubris
7	241	Taenia vulgaris	7	222	— forficatus
7	234	Tanagra Brasiliiana	11	397	— furcatus
7	252	— dubia	12	489	— minimus
13	537	— festiva	3	81	— multicolor
14	581	— Malimbica	13	513	— Pella
			9	333	— porphyrrus
			13	517	— superbus
			3	98	Tubipora musica

VOL.	PL.		VOL.	PL.	
10	354	<i>Tubularia campanulata</i>	2	52	<i>Voluta arausiaca</i>
10	392	———— <i>indivisa</i>	14	550	———— <i>Hebraea</i>
12	450	———— <i>magnifica</i>	19	827	———— <i>Indica</i>
19	798	———— <i>ramosa</i>	19	815	———— <i>Junonia</i>
22	964	<i>Turbo nautilus</i>	19	812	———— <i>magnifica</i>
10	359	———— <i>petholatus</i>	7	244	———— <i>Mitra</i>
14	562	———— <i>Pica</i>	21	912	———— <i>nivosa</i>
21	900	———— <i>undulatus</i>	22	944	———— <i>Pacifica</i>
23	1113	<i>Turdus Australasiae</i>	17	702	———— <i>undulata</i>
14	557	———— <i>Cochinchinensis</i>	14	558	———— <i>Vespertilio</i>
15	617	———— <i>cyanurus</i>	11	427	<i>Volvex Globator</i>
14	485	———— <i>lunulatus</i>	13	533	———— <i>erythrorynchus</i>
22	961	———— <i>perspicax</i>	6	199	<i>Vorticella circularis</i>
7	231	———— <i>roseus</i>	9	312	———— <i>Convallaria</i>
U V			18	771	———— <i>Cyathus</i>
9	309	<i>Upupa Epops</i>	8	278	———— <i>polypina</i>
12	481	<i>Vaginalis Australis</i>	9	301	<i>Vultur Californianus</i>
5	163	<i>Venus Dione</i>	4	141	———— <i>Percnopterus</i>
15	603	<i>Vespa campanaria</i>	22	941	———— <i>Ponticerianus</i>
11	431	<i>Vibrio Anguillula</i>	X		
11	436	———— <i>paxillifer</i>	3	88	<i>Xiphias platypterus</i>
13	508	} <i>Voluta Aethiopica</i>	Z		
20	836		4	140	<i>Zeus imperialis</i>

# GENERAL ENGLISH INDEX,

ALPHABETICALLY ARRANGED.

A			VOL. PL.		
VOL.	PL.				
14	547	Acanthurus broad fin- ned	16	638	Aplysia speckled
19	802	lancet- tailed	24	{ 1057 1058 }	Apteryx, Southern
2	42	Acarus autumnal	23	995	Argonaut tuberculated
5	128	gold-spotted	5	154	Ascidia clavate
9	335	lozenge	6	215	fasciculated
1	{ 26 27 }	Actinia Anemone	13	532	orange
13	539	carnation	7	239	pedunculated
9	330	great	12	487	Asterias carved
11	423	rose-tipped	17	{ 695 696 }	echinoid
9	334	Alcyonium arborescent	3	103	Medusa-Head
10	376	Cauliflower	11	418	twelve-rayed
9	326	fingered	11	417	Awk great
22	940	purple	B		
8	272	sandy	6	216	Baboon grey
18	748	Schlosserian	2	48	variegated
21	897	Ampelis umbrella'd	7	243	Banana-Bird lesser
3	86	Amphisbæna rose-co- loured	12	461	Barbet Mayna
9	324	Amphitrite Fan	10	392	tooth-billed
13	503	Anableps four-eyed	14	554	Barnacle anserine
15	598	Anarhichas panther	6	191	duck
3	109	Ant-Eater Porcupine	16	672	eared
10	355	Anthias Argus	17	726	laryngoid
11	402	banded	17	695	Balistes spotted
12	475	blue-striped	4	142	Basilisk
10	371	red	15	613	Bee-Eater blue-head- ed
9	320	Antipathes Cypress	5	162	European
10	352	Milfoil	17	701	Malimbic
6	205	Aphrodita aculeated	10	357	red-headed
19	792	cirrhat	9	337	red-throat- ed
21	902	Aplysia long-necked	3	78	superb
13	507	Mediterra- nean	12	454	Bee orange-tailed
17	706	Peronian	17	730	Beetle Cacique



VOL.	PL.		VOL.	PL.	
24	1030	Beetle collared	13	512	Butterfly Æneas and
9	316	— cyanean			Peranthus
9	332	— Elephant	13	500	— Agenor
3	80	— fork-headed	24	1024	— Ajax
14	560	— fork-horned		1046	— American
24	1054	— Fuller			Comma
18	751	— Goliath	24	1050	—
18	758	— golden			Painted Lady
1	34	— Hercules	12	448	— Amphimedon
10	384	— Kangaroo	19	787	— Amphinome
13	536	— long-armed	16	650	— Amphrysus
21	911	— Loxa	15	597	— Amphytrion
4	131	— Midas	17	718	— Anchises
23	974	— shining	19	804	— Androgeus
19	808	— Typhon	15	635	— Androma-
9	316	— Unicorn			chus
15	621	Bittern Tiger	6	197	— Antenor
13	535	Boa antarctic	14	572	— Antimachus
2	51	— great	18	744	— Antiopa
17	713	Boat-Bill	14	555	— Apollo
18	778	Bodian Apua	23	1006	— Archippus
19	826	— Aya	17	716	— Arciselaus
14	542	— five-spined	5	157	— Atalanta
19	796	Brachionus aculeated	22	951	— Atys
10	394	— bell-shaped	14	587	— Aurelius
18	775	— galeated	20	839	— Automedon
14	544	Buccinum harp	3	77	— black-and-
22	959	— inflated			gold
15	596	— marbled	5	149	— black-striped
19	799	— subulate	22	955	— Bolina
12	467	— tuberosus	19	824	— buckthorn
17	685	Bulfinch greater	19	791	— Cassia
7	248	Bulla agate	20	852	— Cramerian
12	438		14	574	— Cyparissias
8	294	— Occidental	13	540	— Deiphobus
8	268	— ribband	17	704	— Deiphobus,
22	966	Bullhead rough			var.
7	219	Bunting reed	11	444	— Demoleus
15	541	Buphaga African	8	296	— Diomedes
24	1060	Buprestis Chesnut-	19	828	— Empedocles
		shelled Indian	22	948	— Erminia
8	256	— great	23	1018	— Eubule
14	573	Bustard little	21	918	— Galatea
16	637	Butcher-Bird red-	20	844	— Galanthus
		throated	2	68	— great-blue-
17	710	Butterfly Achilles, var.			banded
19	783	— Adippe	5	164	— great Occi-
17	687	— Adonis			dental

VOL.		PL.		C	
24	1043	Butterfly	great Tor-		
			toise-shell		
8	271	—	Hector	10	363 Calamary
5	167	—	Hecuba	18	742 Caligus fish
14	552	—	Helenus et	11	433 Cardinal-crested Do-
			Steneles		minican
15	632	—	Jairus	23	1000 Carp common, var.
17	692	—	Icaius	17	723 — orange
24	1035	—	Idalia	14	556 — Rondeletian
1	15	—	Imperial	8	262 — telescope
			Trojan	21	887 — Vimba
20	862	—	Iris	8	297 Cassowary galeated
14	564	—	Laertes	3	99 — Southern
10	360	—	Leilus	14	578 Caterpillar Australa-
11	398	—	Maçhaon		sian
20	844	—	Maja	8	280 Cerambyx great
21	888	—	Marsyas	4	134 — long-legged
15	604	—	Merope	8	284 — stag-horned
4	113	—	Nestor	14	584 Centriscus scaly
11	444	—	Nireus	3	107 Cercaria changeable
21	915	—	Orange-tip	8	275 Chætodon double-
12	486	—	Orontes		scaled
11 {	420 }	—	Panthous	17	731 — glaucous
13 {	516 }	—		21	914 — golden
18	756	—	Paphia	19	800 — long-finned
11	404	—	Paris	2	57 — long-spined
11	435	—	Patroclus	14	551 — red-striped
10	388	—	Peacock	12	471 — tricolor
12	472	—	Perseus	18	770 Chamæleon fork-
23	1010	—	Philenor		headed
12	459	—	Phorcas	11	442 Chama great
1	28	—	Polymnestor	15	635 — Heart
20	846	—	poplar	4	135 Chatterer Bohemian
15	590	—	Protenor	22	945 — crimson
13	504	—	Protesilaus	19	797 — Pompadour
21	895	—	Pylades	19	817 — purple-
23	991	—	Pyretus		breasted
3	92	—	radiated	18	765 — silken-fea-
4	125	—	Ripheus		thered
2	49	—	silver-blue	19	821 — superb
19	806	—	single-spotted	8	257 Chiton scaly
19	819	—	talc-winged	3	110 Cicada common
17	732	—	Telemachus	5	152 Clio limacine
11	430	—	thistle	6	206 — pyramidal
9	331	—	Thoas	5	182 Coccus mailed
23	1003	—	Troilus	6	186 Cockatoo funereal
12	484	—	Xuthus	2	50 — magnificent

Vol.	Pl.	
13	495	Cone Admiral and, var.
24	1044	— Amadis, var.
21	896	— dotted
6	211	— marbled
23	976	— nonpareil
13	502	— Orange-flag and Cobweb
10	395	Cone Porphyry
13	523	— Tulip
3	105	Coral black and white
3	82	— common red
5	158	Coralline common
23	1016	— dilated
16	660	— fan
2	71	— sea bristle
24	1051	— thick- leaved
22	943	— tufted- topped
6	190	— Tuna
14	568	Cornucopia helicine
13	505	Coryphæna blue
7	242	— common
24	1031	Coryphene five- spotted
15	619	Cowry Argus
16	648	— brittle and Ara- bian
6	193	— Leopard
18	734	— tortoise
15	619	— white-eyed
14	583	— Zebra
13	524	Crab crested
5	160	— Diogenes
15	627	— linear
11	408	— long-armed
16	642	— long-bodied
16	655	— oval-tailed
15	591	— Seban
13	496	— slender-legged
9	302	— Soldier
17	694	— variegated
14	588	— Uca
24	1041	Crane Numidian
3	102	Creeper Cardinal
10	381	— chalybean

Vol.	Pl.	
8	281	Creeper cyanean
10	369	— Leona
19	797	— purple- throated
20	837	— red-bellied
6	210	— saffron
3	75	— scarlet
1	19	— shining
20	865	— superb
8	289	— wall
17	707	Crenatula avicular
11	428	Crocodile
17	722	— Domingo
20	829	Crow cyanean
14	561	— long-tailed
14	553	— short-tailed
8	277	Cuckow Chinese
21	905	— curve-billed
24	1029	— gilded
20	845	— variegated
4	117	Curasso common
17	705	Curlew Brazilian
10	359	Cuttle-fish eight- armed
14	546	— Balloon
18	780	Cuttle granulated
9	310	Cyclopterus pavonian

## D

10	373	Darter black-bellied
3	104	Death-watch
7	226	Dentalium elephantine
21	878	Diodon orbicular
5	151	— porcupine
24	1049	Diver northern
4	123	Dodo
4	143	— leg
5	166	Dodo's head
15	634	Dolphin Gangetic
24	1023	— ventricose
4	145	Doris Lemon
20	851	— palmiferous
7	221	— radiated
18	779	Dragon-Fly blue- tipped
1	8	— flying
17	697	Duck fasciated



VOL.	PL.	
23	1005	Duck Harlequin
8	255	—— lobated
2	69	—— Merian
24	1037	—— Summer
1	32	—— Western
8	292	Dytiscus great
E		
10	389	Eagle Pondicherry
7	223	Echinus esculent
7	220	Eel speckled
15	597	Emberiza painted
11	429	—— variegated
10	382	Epinephelus spotted
15	624	Erpeton tentaculatus
F		
18	741	Falcon common
23	1017	—— narrow-crested
12	485	—— purple-throated
6	204	—— swallow-tailed
9	303	Fasciola clavated
5	150	Finch blue-bellied
18	749	—— golden
13	505	—— variegated
19	790	Fistularia Chinese
13	518	—— fibre-tailed
1	37	Fire-fly
5	178	Flea common
19	823	Flounder Argus
21	903	—— bearded
7	238	—— rose-coloured
15	629	Flycatcher Georgian
14	569	—— round-crested
2	63	—— purple-throated
5	147	—— red-bellied
12	446	Flying-Fish
19	814	—— middle-finned
10	391	Flustra foliaceous
2	40	Fly-trap Venus's
18	773	Francolin
6	200	Frog Australian

VOL.	PL.	
10	367	Frog blue and yellow
20	864	—— common, var.
23	984	—— fire
20	871	—— green
3	76	—— horned
10	{ 350 } 351	—— paradoxical
4	127	—— tree
20	875	Frogfish American
10	422	—— European
G		
10	362	Gastrobranchus glutinous
11	427	Globe-Animal common
24	1026	Goatchaffer green Jamaica
8	265	Goatsucker long-shafted
24	1053	—— vociferous
24	1045	—— white-necked
10	361	Goldfinch American
11	421	Goose black-backed
15	605	—— Egyptian
24	1055	Gorgonia Barnacle-bearing
1	14	—— Fan
21	916	—— patulous
17	708	—— pinnated
16	671	—— purple
8	263	—— purple-sided
16	674	—— thick
16	684	—— thick-armed
17	689	Grakle bald
14	545	Grossbeak blue
3	105	—— Cardinal
7	240	—— Grenadier
16	677	—— Ludovician
2	56	—— red-throated
22	993	Grouse Senegal
7	227	Guana
12	451	Gurnard flying
21	894	—— lineated
4	116	—— mailed
22	954	—— pine-leaved

VOL.	PL.	
11	438	Gurnard spotted
9	307	Gymnothorax marbled
9	322	———— Zebra
4	130	Gymnotus electrical
14	586	———— rostrated

## H

4	121	Hair-worm
17	715	Haliotis tuberculata
2	70	Hedysarum animated
20	874	Herring silver-striped
10	387	Hippobosca Swallow
23	986	Holocentrus golden
20	870	———— greenish
13	522	———— red
20	867	———— Surinam
13	514	———— varie-
		gated
8	260	Holothuria brown
5	172	———— tremulous
9	309	Hoopoe
13	533	———— red-billed
2	41	Horn-bill great
19	809	———— white-beaked
7	{ 222 }	Humming-bird fork-
11	{ 397 }	tailed
3	81	———— Harlequin
12	489	———— least
9	333	———— purple-
		tailed
2	66	———— red-throated
13	517	———— stripe-
		checked
13	513	———— topaz-
		throated
23	977	———— violet-eared
16	664	Hyale tridentated
11	400	Hydrachna scarlet
18	759	———— variegated

## I J

17	721	Ibis crested
8	293	— Gangetic
4	120	— scarlet
12	469	Jabiru American
15	601	— Australasian

VOL.	PL.	
20	833	Jacamar great
23	1009	Jacana Chesnut
2	67	Jaculator
9	313	Jay blue
14	549	— common
6	213	— Peruvian
2	38	Jerboa Siberian
2	46	Julus great

## K

1	33	Kangaroo great
12	405	King-fisher Black-
		capped
4	129	———— common
1	13	———— crested
13	525	———— green-headed
5	159	———— minute
9	317	———— red-headed
19	825	———— Smyrna
21	889	———— spotted
16	681	———— tridigitated
21	901	———— ultramarine
8	209	———— white-collared
19	793	———— white-headed
13	526	Knight-fish American
24	1055	Kurtus Indian

## L

24	1038	Labrus annulated
17	700	———— bifasciated
22	942	———— blue-headed
18	762	———— Brazilian
18	760	———— guttulated
19	786	———— trimaculated
23	1019	———— undulated
22	963	Langaya long-snouted
22	931	Lantern-Fly Chinese
6	218	Leech horse
6	217	———— medicinal
13	501	Lemur Calago
14	570	———— minute, var.
1	29	———— slow-paced
8	295	Lernææ
12	476	Libellula black-wing-
		ed
12	471	———— depressed

VOL.	PL.		VOL.	PL.	
12	459	Libellula great	6	208	Louse common
11	407	———— linear	16	647	Lucernaria four-lobed
12	480	———— small	12	491	Lutian golden eyed
24	{ 1052 }	Limpet Tortoise-shell			M
		———— pleated			
11	403	Lizard Amboina	15	609	Maccaw hyacinthine
21	591	———— Ameiva	24	1064	Mackrel common
11	411	———— apodal	23	982	———— mottled
24	1063	———— Bicarinated	13	498	———— Pilot
2	65	———— broad-tailed	16	654	———— Plumerian
15	594	———— lobe-cheeked	13	494	———— red
6	212	———— lumbriciform	20	850	———— Rottlerian
1	21	———— Monitory	23	1002	———— salient
22	947	———— monodactyle	20	854	———— Thazard
16	663	———— scaly-footed	22	935	———— Zebra
5	179	———— scincoïd	12	462	Macrourus rock
3	89	———— single-striped	22	946	Madrepore annular
3	83	———— variegated	19	820	———— axillary
8	282	Lobster Bamffian	4	118	———— Brain
12	464	———— Norway	6	194	———— cinnamon
9	314	———— plated	17	711	———— curled
4	115	Locust bay-leaved	20	858	———— fastigated
21	879	———— brown spotted	22	952	———— flexuous
21	884	———— cærulescent	17	719	———— hooded
4	136	———— citron-leaved	20	855	———— lace
7	251	———— Egyptian	20	840	———— Lettuce
20	835	———— Elephant	17	686	———— muricated
18	763	———— granulated	3	79	———— Mushroom
18	743	———— green	23	1004	———— narrow-
18	772	———— imperial			gilled
19	784	———— long-fronted	20	848	———— netted
20	843	———— pupal	15	623	———— oblong
20	805	———— serrated	11	414	———— organ
18	747	———— spiral-winged	15	607	———— pezizoid
19	788	———— triple-spined	10	383	———— Rose
2	62	———— wandering	18	754	———— seriated
10	375	Louchurus bearded	5	155	———— starry
23	1012	Lophius Cochinchina			globe,
7	245	———— Harlequin	17	703	———— Thistle
5	176	———— marbled	5	153	Manakin long-tailed
6	{ 202 }	———— single-finned	20	849	———— military
	{ 203 }		20	841	———— musical
5	175	———— striated	7	249	———— red-and-
5	176	———— variegated			black
11	410	Loricaria yellow	15	593	———— rock
22	937	Lory blue-tipped	4	111	———— speckled
22	925	———— Ceram	5	174	———— striped-
18	737	———— Indian			headed

VOL.	PL.		VOL.	PL.	
1	11	Manis five-toed	12	490	Moth Clifton
1	36	— four-toed	22	972	— cream-spot Tiger
3	95	Mantis broad-breasted	21	888	— crimson under wing
4	119	— dry-leaf	7	230	— Erycina
2	43	— giant	16	644	— Fabia
7	233	— long-breasted	19	816	— Goat
9	327	— sacred	21	886	— great eggler
9	323	— two-spined	21	899	— great lappet
6	196	Medusa bell	23	996	— great Leopard
7	224	— Cephean			Ermine
8	259	— Egyptian	14	548	— Hebe
4	112	— Funnel	21	892	— Hypermnestra
16	643	— nummular	22	960	— Hyphinoe
22	956	— pellucid	16	656	— Janus
8	299	— pulmonic	18	735	— imperial
7	250	— sailing	23	1014	— Large Emerald
7	247	— Skiff	12	468	— Lectrix
12	445	Merganser dun	21	880	— Liris
16	666	Millepore blue	8	204	— Luna
11	419	— Elkshorn	22	932	— Matronula
5	169	— lace	20	868	— Ox-Eye
11	416	— lichen	16	659	— Paphia
21	920	— reticulated	16	658	— Paphia-larva
18	767	— violaceous	12	455	— Peacock
17	712	Mite cuticular	12	456	
6	187	— lepidopterine	15	611	— Persimon
13	704	— pectinated	15	612	
2	61	— vegetating	19	822	— pine
11	440	— wandering	10	356	— Polyphemus
20	861	Momot Brazilian	23	998	— Proserpine
15	626	Monkey Ascanius	22	967	— Puss
24	1036	— Leonine	20	876	— red-underwing
18	774	— silver-haired	20	856	— Rhodope
10	368	Monoculus Canceroid	18	776	— sable
13	736	— carp	22	963	— scarlet Tiger
10	364	— Flea	15	618	— Strix
21	904	— four-horned	17	699	— Sylla
3	91	— Indian	16	646	— Tarquinia
10	390	— Muscle	8	288	— Tiger
20	830	Moth African Peacock	22	928	— Venus
22	938	— Agarista	2	73	Mouse striped
16	640	— Apollonia	13	527	Murex branched
1	2	— Atlas	21	924	— corded
8	300	— Augusta	15	599	— femoral
14	565	— Boreas	23	1020	— Lamp
22	934	— Cape	12	488	— pipe
15	615	— Cecropian	22	927	— rock
	616				

VOL.	PL.		VOL.	PL.	
15	631	Murex Snipe	7	253	Ostracion speckled
12	460	— thorny	2	72	Ostrich American
17	690	— trapezial	7	231	Ouzel rose-coloured
12	479	— Tritonian	23	992	Owl African
24	1022	— tulip	12	477	— Cayenne
9	315	{ Muscle Camellian	1	25	— clouded
		— Duck's-bill	1	22	— least-horned
20	831	— pearl	19	801	— masked
23	1015	— winged, <i>var.</i>	2	47	— snowy, <i>var.</i>
1	3	Musk pygmy	20	853	— white-browed
16	676	Myrmeleon great	5	171	— white-fronted
17	720	Mysticete under-jaw- ed	16	675	Oyster denticulated
			11	439	— long
N			P		
12	452	Nais digitated	15	625	Paradisea magnificent
10	379	— rostrated	23	994	Paradise-Bird Gorget
8	270	— serpentiform	21	881	— orange
13	515	Nautilus great	14	57	— Parkinsonian
3	101	— paper	24	1021	— superb
14	{ 579 }	— Pompil. ani- mal	24	1025	— Vaillantian
10	370	Nepa great	16	653	Parrakeet black back- ed
14	543	— linear	4	132	— black-wing- ed
9	311	Nereis lamellated	21	893	— Cape
16	678	Nerite glossy and fea- thered	3	87	— crimson- fronted
9	318	Newt common	21	877	— Friditulah
8	279	— warted	11	425	— grey-headed
11	412	— water	15	633	— Lory
12	466	Notocanthus nasal	8	258	— pale
O			21	917	— red-breast- ed
18	740	Onchidium limacine	21	913	— red-naped
15	628	Oniscus sharp-tailed	24	1061	— scaly-breast- ed
4	140	Opah, or imperial Zeus	3	96	— turkosine
11	399	Ophicephalus punctat- ed	16	673	— undulated
8	298	Opossum porculine	21	909	— Vaillantian
1	23	Orchis Bee	18	769	Parrot blue-green
12	478	Oriole black-headed	19	789	— dusky
8	285	— golden	21	921	— great-billed
10	365	— red-rumped	7	228	— ground
9	341	— red-shoulder- ed	1	35	— Guinea
9	338	Ostracion eared			



VOL.	PL.		VOL.	PL.	
3	93	Parrot nonpareil	17	725	Plant-Cutter Abyssini-
23	1001	—— Paradise			an
2	53	—— Pennantian	11	432	Platystacus acetabulat-
1	1	—— purple-headed			ed
1	16	—— purple-tailed	14	559	—— eel-shaped
1	7	—— violet-blue	10	{ 385 }	Platypus Duck-billed
16	657	—— zoned		{ 386 }	
24	1033	Partridge red	6	195	Plover long-legged
15	589	—— sand	12	470	Polynemus Paradise
3	84	—— violaceous	1	20	Polype green
15	606	Patella brown	22	970	—— long-armed
16	641	Peacock spike-crested	24	1027	Polypterus nilotic
11	441	—— Thibetian	23	985	Promerops blue
20	863	Pegasus Dragon	23	981	—— superb
13	529	Pelican Chinese	9	328	Pterotrachea coronated
11	437	Penguin crested	11	415	Puff-Ball turret
11	409	—— Patagonian	16	662	Pyrosoma phosphoric
5	170	Pennatula finger-			
		shaped			Q
4	139	—— kidney-	9	345	Quail Californian
		shaped			
2	39	—— phosphoric			R
4	124	—— silver			
16	682	Perch red-spotted	5	173	Ray rostrated
12	478	—— sanguine	8	261	Red-Breast blue
2	60	Petaurus southern	16	661	—— Swedish
15	608	Phalangium doubtful	6	192	Redstart
3	85	—— canceroid	13	511	Remora fork-tailed
10	393	—— reniform	11	401	Roller African
13	529	Phalæna Agrippina	13	504	—— Chinese
13	520	—— long-tailed	8	273	—— Indian
9	{ 347 }	Phasma dilated	19	781	—— pied
	{ 348 }				
9	321	Pheasant fire-backed			S
10	353	—— variegated	2	45	Salamander
17	688	Phyllidia trilineated	22	971	Salmon rhomboid
15	592	Phytolithus Fern	21	923	—— Tumbil
19	785	Pigeon aromatic	7	236	Salpa democratic
18	777	—— black-capped	7	232	Salpa great
12	449	—— crimson	16	639	Scallop Jacobæan
12	457	—— crowned	23	978	—— Iceland
17	709	—— Madagascar	23	987	—— var.
22	929	—— undulated	23	993	—— varie-
9	344	Pike viper mouthed			gated
12	483	Pinna muricated	12	492	—— Mantle
18	757	Pintado crested	19	794	Scarus Cretan
17	714	Pipe-Fish biaculeated			
11	424	Planaria white			

VOL.	PL.		VOL.	PL.	
8	286	Scarus green	14	576	Snail dilated
12	482	— red	1	30	— garden
10	366	Scizana bearded	10	374	{ — Lamp
24	1047	— Coro			{ — ringent
24	1042	— large-scaled	22	950	— snake-skin
23	990	— single-spotted	1	24	Snake dog-headed
23	1007	— yellow-striped	20	857	— Eater, African
24	1031	Scink officinal	8	266	— fasciated
1	9	Scolopendra great	6	209	— gilded
6	185	— — microscopic	3	94	— horn-nose
18	768	Scoræna flying	7	254	— Magpie
22	958	Scoræna porcine	1	5	— painted
3	100	Scorpion African	9	340	— pied
14	565	Screamer horned	8	291	— Russelian
17	728	Scyllæa pelagic	2	{ 74 }	— spectacle
14	571	Serpula anguine	5	{ 181 }	
14	575	— muricated	5	148	— warted
6	188	— perforated	18	745	Snipe Caurale
8	283	— vermicular	17	729	— Chinese
24	1048	Sertularia Cerceoid	13	538	Soldier-fish-ribbed
22	962	— contorted	21	890	Sole Zebra
23	1003	— operculated	15	622	Solpuga poisonous
22	936	— Pine	9	329	Sparrow common
17	698	— Sea Pen	24	1023	Sparus Abilgardian
21	906	Shark Angel	21	878	— anchor-toothed
17	727	— appendiculated	1	31	— ? beautiful
9	346	— banded	16	652	— black-finned
8	267	— hammer-headed	19	810	— boar-tusked
5	161	— ocellated	19	807	— falcated
15	630	— tentaculated	18	755	— fasciated
11	434	— Zebra	20	842	— great-eyed
12	481	Sheath-Bill Southern	23	979	— green-finned
13	610	Sheep Canadian	21	910	— green-tailed
2	55	Shrew water	23	975	— Juba
7	246	Shrike Barbary	18	750	— Page
13	521	— blue	24	1034	— Peacock
10	377	— red-backed	23	995	— red tailed
16	645	— red-vented	20	834	— rose
20	869	— whiskered	20	847	— semifasciated
11	406	Silurus military	21	919	— silver-eyed
3	97	— wandering	19	818	— Surinam
2	61	Siren	20	859	— trimaculated
9	325	Skimmer black	22	939	— Vosmerian
1	6	Sloth three-toed	12	458	— yellow-striped
2	{ 58 }	— ursine	13	534	Sphagebranchus ros-
	{ 59 }				trated
4	137	Slug black and spotted	14	{ 566 }	Sphinx Annona
16	683	Snail citron		{ 567 }	



VOL.	PL.	
18	752	Sphinx Bindweed
9	319	— Cassava
20	860	— Celerio
15	595	— Cluëntius
23	980	— Crantor
19	795	— double-pointed
23	938	— Elpenor
18	739	— Fig-tree
24	1059	— Fringe-tree
20	872	— Humming-bird
13	528	— Jasmine
16	680	— Jatropa
16	679	— larva
17	724	— lineated
1	18	— ocellated
10	372	— Oleander
24	1039	— Pandion
16	670	— Panopus
19	803	— poplar
11	443	— Privet
21	922	— spurge
16	668	— wild vine
16	667	— wild vine larva
1	12	Spider bird-catching
9	308	— Diadem
9	336	— golden
23	983	— Western
16	651	Spondylus subauricu-
		lated
10	380	Sponge Fan
4	146	— Funnel
18	738	— palmated
3	90	Spoon-bill rose-co-
		loured
19	811	Stag-Chaffer elk-
		horned
2	54	Stapelia fetid
19	805	Stare subrosaceous
24	1040	Star-fish scolopendroid
15	620	— slender limbed
10	349	Starling Crescent
20	873	— shining
22	926	Strombus ear
23	1011	— seven-clawed
13	499	— Spindle
13	519	— Wing
8	274	Stylephorus chordated
19	782	Sun-Fish short

VOL.	PL.	
18	746	Surmullet spotted
3	108	Swan black
16	665	Swallow Cape
3	88	Sword-fish broad-fin-
		ned
14	563	Synbranchus marbled

## T

9	{ 342 } 343	Tadpole Mexican
1	4	Tanagra Paradise
16	669	Tanager black crowned
7	234	— Brazilian
13	537	— collared
14	581	— Malimbic
17	693	— Mississippi
7	252	— red-shouldered.
18	761	— silent
9	305	— violaceous
7	241	Tape-Worm broad-
		jointed
15	602	Tarantula
15	614	— American
21	885	Teal Chinese
20	838	Tench golden
8	290	Terebella Madrepor
9	339	— rostrated
7	235	— yellow-
		haired
13	510	Tethys crenulated
20	832	Tetrodon lineated
23	1013	Thrush Australasian
14	557	— Cochinchina
14	485	— lunulated
15	617	— blue-tailed
22	961	— watchful
18	733	Tinamou variegated
4	138	Titmouse blue
6	201	— great
23	999	Toad mephitic
1	17	— Surinam
11	405	Tody crested
8	287	Tortoise imbricated
21	{ 907 } 908	— nilotic
9	306	— radiated
24	1062	— snake

VOL.	PL.		VOL.	PL.	
4	144	Tortoise speckled	22	941	Vulture Pondicherry
17	717	Toucan green			W
6	198	— red-banded			
6	183	— red-beaked	6	207	Wagtail white
10	378	Trachichthys Southern	8	276	Walrus Arctic
22	930	Trichiure silver	23	973	Warbler double-streaked
12	453	Trichoda Sun	22	949	— doubtful
18	766	— three-bristled	23	997	— minute
5	177	Tropic-bird red-tailed	5	168	— ruby-throat-ed
21	882	Trout Salvelin	22	965	— rufous-breast-ed
3	98	Tubipore crimson	16	649	— Russian
14	562	Turbo Magpie	22	957	— sharp-tailed
22	964	— nautiloid	1	10	— superb
10	359	— variegated	4	114	— Swallow
21	900	— waved	7	237	— Tailor
10	354	Tubularia campanulat-ed	22	969	— thoracic
12	450	— great	15	603	Wasp campanular
19	798	— twisted	4	133	Whale great Northern
10	392	— undivided	9	304	— rostrated
		V	6	184	— spermaceti
5	163	Venus occidental	5	180	Woodpecker great spotted
11	431	Vibrio Eel	7	225	— lesser spotted
11	436	— festucine	2	44	— minute
4	122	Viper horned	13	493	— pileated
14	558	Volute Bat's-wing	22	953	— Portorico
13	508	— Ethiopian	11	413	— red
20	836	— Ethiopic	4	126	— red-head-ed
19	827	— Indian	18	753	— rufous
19	815	— Junonian	13	497	— White-billed
19	812	— magnific	11	426	Wrasse variegated
2	52	— orange-striped	5	165	Wren golden-crested
22	944	— Pacific	6	189	— willow
21	912	— snow-flake	5	156	Wryneck
14	350	— veined			Z
17	702	— undulated	7	229	Zygæna round-headed
7	244	Volutes Mitre			
8	278	Vorticella arborescent			
6	199	Vorticella circular			
9	312	— Convallari-an			
18	771	— Cup			
4	141	Vulture Alpine			
9	301	— Californian			













RB

500.9

3584





